

## PROFILE

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- **Masters in Architecture, Tulane School of Architecture, New Orleans, USA**
- **An Architect with experience in several international design and multi-disciplinary firms.**
- **Lifetime Member - Council of Architecture, India (No. CA/2003/32529).**
- **Bachelor of Architecture, Sushant School of Art and Architecture, New Delhi, India**
- **Expertise in Auto CAD, Revit Adobe Suite, SKETCH-UP and MS Office. Some exposure to, Microstation and MS project.**
- **Employed for 10 years, and for four years in Singapore.**
- **Self motivated and good Team Leader.**

## PROFESSIONAL EXPERIENCE

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### **MBS School of Planning and Architecture, New Delhi, India**

**Asst. Professor (Architecture and Urban Design) 08/09 – 08/11**

- Conducted the URBAN DESIGN STUDIO and lectures for fourth year undergraduates - 'Reinterpretation of "CIVIC CENTRE" Design – A Paradox' Sector 29, Gurgaon, India
- Co –Faculty in third year undergraduate studio- Exploring an Architecture and Planning Institute with a housing component in Vaishali, New Delhi, India
- Dissertation guide to five undergraduate students dwelling into topics ranging from, parametric design, green roofs, geriatrics to vernacular sustainable architecture.
- Lectured second year for theory subject DAYLIGHTING - AP 215

### **DIMTS Pvt. Ltd. India, New Delhi, India**

**Deputy Manager (Architecture) 08/09 – 08/11**

Redevelopment of ISBT's at Anand Vihar, Sarai Kale Khan and Kashmiri Gate, New Delhi, India:

- As Team Leader and coordinator overseeing all technical consultants.
- Approvals from government agencies: Delhi developmental Authority (UTTIPEC), PWD, Railways, DUAC (Urban arts commission), DPCC (Pollution Board) and EIA from SEACC.
- Asia Dev. Bank and Planning Board presentation for loan sanction.
- Preparation and compilation of proposals with presentations, drawings, and reports
- Tender and Coordination drawings with (all consultants and stakeholders )

Proposed Bus Rapid Transit- Operation and Data Centre, Multi Modal Transit Facilities, New Delhi, India:

- Concept and development, presentation, co-ordination and execution of the proposal for state of the art command centre facility. From Concept to completion.
- Design ,Drawing, Presentations, Tender, GFC drawings, site works and installations.
- Proposed Motor Licensing Offices and Visitor Access Control Office and perimeter at HQ for Transport Department, New Delhi, India:
- Concept and Design development, presentation, co-ordination and execution of the proposal for state facilities. From Concept to completion.
- Design, Drawing, Presentations, Tender, GFC drawings, site works and installations.

Existing and Proposed BRT Corridors – Terminal/ Interchange Design, Streetscaping/Pavement design, New Delhi, India:

- Concept and Design development, presentation, co-ordination and execution of the proposal for state facilities. From Concept to completion.

- Concept and Design development, presentation, co-ordination and execution of the proposal for aesthetic rendering of the traffic islands near BRT shelters.
- Design, Drawing, Presentations, site execution.

Proposed NDMC 3 nos. Foot Over Bridges's at New Delhi, India:

- As team member for the design/co-ordination and execution with the consultants & contractors
- Design, Drawing, Presentations.

Proposed for Streetscaping Project for Common Wealth Games(CWG),New Delhi, India:

- As team member the analysis and design of evaluation parameters for RFP etc
- Progress Report, Evaluation parameter guide and street furniture drawing evaluation.

**SAA Architects Pte. Ltd., Singapore**

**Executive Architect**

**12/07 –12/08**

Proposed addition of a 38 storey tower block with 1 basement to existing 60 storey OUB Centre, amalgamation of service road & addition of 2-storey viewing gallery & dining to roof & removal of 49th storey roof slab at existing 60 storey OUB Centre building at no. 1 Raffles Place (downtown core planning area), SINGAPORE:

The following summarizes the development proposal:

- Demolition of existing Annex Podium, Pedestrian Overhead Bridge and erection of a new 38-Storey Office Tower (Tower 2) with 1 Basement.
- Expunction and amalgamation of existing part access road, which will be converted to an office lobby at Tower 2. Provision of blast-protected tunnel lining over realigned local access road.
- Conversion of existing Mechanical floors at 61st, 62nd floors, & Roof Tower-1 to a 2-Storey Restaurant with Viewing Gallery at rooftop.
- Provision of additional GFA/ office space at Tower 2 based on maximum Art and Lighting Incentives entitlement (2%) & DC rate at the material time of PP (Provisional Permission). GFA 'recovered' from removal of existing roof slab at 49th storey tower 1 is used for Tower2.
- The proposal will aim to fulfill the Green-Mark gold plus accreditation, as well as the CONQUAS.

Responsibilities:

- Leading a team of five as the project architect.
- Analysis of site & requirements as well as Authority (government agencies) requirements.
- Preparation/ compilation of design proposals with presentation drawings, tender and construction phase one and phase two drawings with Material specification.
- Co-ordination with consultants (structural, HVAC, electrical, plumbing, lighting, art, arboriculture, blast consultancy, green building consultancy.)
- Submission to authority using the E-cornet system, followed by analysis, application of building codes, postulates/rules and written direction of: URA (Urban redevelopment Authority), LTA (Land Transport Authority), SLA (State Land authority), BCA (building and Construction Authority), SCDF (Singapore civil defense force) for fire fighting and lift codes as well as AMSL/ building height issues, CBPU (Public utilities), NEA (national environment agency).
- Cost Analysis and Call for Tenders for various packages followed by recommendation to clients.

Deliverables:

- Authority Matters and submissions:
- Provision of blast-protected tunnel, re-alignment of land and other matters with LTA and SLA.
- Submissions for PP (provisional permission) to Govt. Agency-URA and coordination with authorities to receive grant of PP. Also submission to URA for the art and lighting incentives.

- Submission LTA rail and Road to receive PP. Special emphasis has been given to handicap access and access to public transport facilities.
- Submission to SCDF for the waiver on the building height as well as for fire services (FSSD).
- Co-ordination and resolving party wall, building edge and related fire fighting issues, with neighbor Sinsov as also site boundary and road reserve/widening issues with SLA.
- Call for tender for Lighting design, Art consultant, arborist, interior design, blast consultant, Green Scheme consultant as well as Main Contractor. Client recommendation reports followed.
- Co-ordination through schematic stage, tender stage 1&2 till construction phase with main contractor, sub-contractors and various consultants.
- Presentation as well as chaired co-ordination meetings when required.

**Parsons Brinkerhoff Pte. Ltd., Singapore**

**Design Architect**

**03/06 –12/07**

International Competition for National Art Gallery, proposed at the site of City Hall and Former Supreme Court, Singapore (The Architectural Competition held in May, 2007 to refurbish the Old City Hall and Former Supreme Court into the new National Art Gallery.)

- Contributed to the concept of ,3D Visualisation,developing conceptual sketches,plan, sections ,writeup, Research and Presentation.
- Participated in final submission.

Feasibility study for Proposed Condominium at Dakota Crescent, Singapore :

- Development of schematic plans and sections for presentation to client.

Boutique Hotel and Residential Project at Pudu Road, KualaLumpur, Malaysia:

A prominently located project in the busiest commercial district of KL.

- Development of schematic site plans for the Hotel and the apartment for presentation to client.

Proposed Erection Of 5-Storey- 35 Units Apartment With Attic And Swimming Pool At Lot 3315t & 3316a (SI), Mk22 At 30 & 32 Yio Chu Kang Road, SINGAPORE:

- Developing schematic plans, elevations and sections for presentation to client.
- Tender Drawings and good for construction drawings of the same.

Proposed Marina Coastal Expressway Ventilation Buildings, Singapore :

The Pre-Qualification presentation and the Transport Authority Steering Committee Presentation.

- Assisted developing schematic plans and sections for presentation to LTA (Land Transport Authority) (Pre-Planning Permission (PP), Stage 2 (Post-PP), and the DAP)
- To review the detailed architectural design of the individual buildings in relation to the detailed building layout, functional requirements, environmental response, as well as the appropriate use of building materials, finishes, detailing and external lighting.

Condominium at No. 12 Sea View Avenue, Colombo, SRILANKA:

Unique location and a very tight site determined the design of this condominium. Economic feasibility as well as Srilankan design standards made this a creative project.

- Designed and handled submission packages for conceptual design and presentation.

**Rajinder Kumar & Associates. New Delhi, India.**

**Architect**

**01/05 –12/05**

Reliance India Limited, Delhi, INDIA:

This prominent business house's corporate establishment is located in the center of the nation's Capital New Delhi at the famous Old Ranjit Hotel.

- Facade installation, glazing design and detail and Lift Design of the building

- Co-ordination with structural consultants in Dubai and assisted in Landscape design
- Tender Drawings and good for construction drawings of the same.

Echlon Building, Gurgaon, India:

This corporate office of about 40,000 sq. ft. is designed to be iconic yet simple. The basic concept is to green and free the ground floor and maintain all usable spaces on the top floors.

- Design alternatives and presentation material based on client inputs
- Drawings: Presentation Drawings and area calculations and comparisons.

ITC- Gardenia, Bangalore, INDIA:

This Grand Five Star Hotel designed with innovative facilities for the ITC group is a class apart in luxury and comfort. With international consultants from UK and Singapore on the design team this Hotel is one of its kind in the nation.

- Tender and submission drawings, area calculations and inputs for the Fire tender
- Coordination with Interior Designers Francesca Basu Associates (UK), T.I.D.(Singapore) and Fire and Lift Consultants
- Drawings: Excavation Tender Drawings and area calculations and Submission drawings for fire safety.

Hotel ISTA, Vasant Kunj and Motia Khan, INDIA:

These design proposals were unique because of their flexibility of form and functions.

- Proposal and Presentation drawings and area calculations and comparisons.

Hotel IBIS at Mumbai, INDIA:

Located in the business capital, this design caters to the elite of the business world. The innovative use of contemporary parking solutions in this design is unique here.

- Design Development, Feasibility and Parking management followed by Submission drawings.
- Drawings: Handled the complete set of submission drawings.

#### **Prof. Sarat Chandra Das and Associates, India.**

##### **Architectural Internship**

**Before 2003**

North South University Dhaka, Bangladesh: Good for construction drawings and details for Art and architecture studio, comprising of plans, elevations, sections, layouts, mezzanine and connecting bridge details and roof details.

#### **Parsons Brinkerhoff Pte. Ltd., Singapore**

##### **Design Architectural Asst.**

**03/06 –**

**12/07**

Ascott Citadine's, City Garden Shenzhen, CHINA: ID Design

- Assisted developing schematic plans and sections for presentation to LTA (Land Transport Authority) (Pre-Planning Permission (PP), Stage 2 (Post-PP), and the DAP)
- To review the detailed architectural design of the individual buildings in relation to the detailed building layout, functional requirements, environmental response, as well as the appropriate use of building materials, finishes, detailing and external lighting.
- Drawings: Participated in submissions

Ascott Citadine's, Central Plaza Guangzhou, CHINA: ID Design

- Assisted developing schematic plans and sections for presentation to LTA (Land Transport Authority) (Pre-Planning Permission (PP), Stage 2 (Post-PP), and the DAP)
- To review the detailed architectural design of the individual buildings in relation to the detailed building layout, functional requirements, environmental response, as well as the appropriate use of building materials, finishes, detailing and external lighting.

- Drawings and participated in submissions

NUS MEI Office- Proposed renovation addition & alteration works to Off. Unit #03-10, #04-26&27 at existing research Verizon business building Singapore

**TransAsia Infrastructure (India) Private Limited, India**  
**(Conglomerate of - Consulting Engineering Services (India) Pvt. Ltd, Parsons Brinckerhoff Infrastructure Development Company Inc. (PBIDC), Pacific Alliance International LLC)**

**Associate** **07/03 – 07/04**

**Renovation of Hotel Imphal, Manipur, INDIA:**

A financial feasibility project for National (NBCC). The project required a multi-disciplinary team to work together to organize the financial feasibility, site development, plumbing, electrical, architectural and interior renovation of the existing building. It required detailed Drawings, interior layouts and landscaping and estimation.

- Interior Layouts of 7 rooms
- Assisted in Landscaping of the site Plan

**Jurong Consultants Pte. Ltd., Singapore**

**Professional Internship** **08/04 – 12/04**

**Proposed 27 Hole Golf Course Development Including Clubhouse, Driving Range, Jetty, Maintenance Building and Ancillary Facilities at Suzhou Industrial Park, CHINA:**

- Architectural detailing and three-dimensional conceptualization.
- Door detail and schedule, staircase and toilet detailing.

**IMC Community Office at Changi Business Park, SINGAPORE:**

- Working on alternatives for an innovative new concept for office design exploring options where work and family spaces were integrated to create more friendly and productive spaces.
- Deliverables: Contributed to presentation material.

**PROFESSIONAL EXPERIENCE- Industrial and Plant Design**  
**(Water treatment, Chemical Technology)**

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**Parsons Brinckerhoff Pte. Ltd., Singapore**

**Design Architect** **03/06 – 12/07**

**Proposed wastewater treatment plant in Gujarat, INDIA:**

The flagship project, for PB in the Indian Market, it included a wastewater treatment plant along with its auxiliary functions with an underlying design definition of Green Design.

- Site Development, Plans, elevations, staircase design and 3D conceptual Modeling. Views and presentation drawings for the same.
- A green design presentation focusing on the Cost benefit, Payback time calculations and strategies in relation to some illustrated projects.

**Sunshine Project Huludao, CHINA:**

Groundbreaking project involving chemical treatment Lactic acid. The plinth area of 7864 Sqm. The unique design of the process required a unique definition in this Plant.

- Development of elevations and staircase and 3D conceptualization and modeling.

**Palm Jumeira, Desalination Plant, Dubai, UAE:**

Palm Jumeira island is the most exciting project on earth. With superstructure coverage of (approx.) 7990 Sqm, the Palm Water is a unique Desalination plant which was designed and modelled to blend into the luxurious background of High-end, villas, town-homes and apartments.

- Worked on building codes, fire drawings and on presentations drawings.

## PROFESSIONAL EXPERIENCE- Master Planning

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TransAsia Infrastructure (India) Private Limited, India

**Intern** 07/03 – 07/04

**Master Plan for development of integrated tourism in Backwaters of Kerala:**

Flagship project of the Kerala government that aims to attract tourists to the travel circuits by strengthening potential candidate sites, identifying, new tourist sites.

Field work: Strategy for New tourist sites and travel circuits and Site visit for collection of survey data of three northern backwaters Beypore, Chandragiri and Nileshwar- Cheruvathur –Valiyaparamba.

- Report on Integrated Landscaping concept for the Backwaters of Kerala.
- Conceptual Houseboat Terminal design based on vernacular Kerala Architecture

“Low Income Housing solutions” paper for ‘Engineers for Poverty Alleviation Seminar’ held in 2005: To produce a paper to contribute to developing a new set of pragmatic responsive settlement standards.

Prof. Sarat Chandra Das and Associates, India.

**Architectural Internship** Before 2003

Proposal for National Disaster Management Institute: To participate in developing a state of the art facility for the Government of India, that will contribute to developing a new set of pragmatic, responsive, and safe settlement standards all over the country.

## PROFESSIONAL EXPERIENCE- Landscape Architecture

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TransAsia Infrastructure (India) Private Limited, India

**Associate** 07/03 – 07/04

**Redevelopment and Improvement of Intake Well and Akelgarh Headwork, Kota, Rajasthan, India.**

Conceptual design and BOQ for Landscaping, Canal network, roadway, pathway, paving, green areas, Monuments and gateways etc. Responsibilities included Conceptual design for Landscaping, Canal network, roadway, pathway, paving, green areas.

- Final rendered Plan
- Design of compound wall, gate and tower.
- Landscaping of Ahmedabad-Vadodara Expressway
- Fieldwork included Site visit, Photography and work on the proposal drawings, also assisted Landscape Architect in concept making and preparation of the final drawings.
- Landscaping the Truck Lay – bye & existing Pond
- Junction Detail at Vadodara End in Ahmedabad-Vadodara Expressway

Jurong Consultants Pte. Ltd., Singapore

**Professional Internship** 08/04 – 12/04

**Vision Shenzhen Business Park Master plan, China:**

To explore the vast array of options in landscaping the various schemes.

- Contributed to presentation material and the various schemes.

## PROFESSIONAL EXPERIENCE- Traffic and Transportation

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TransAsia Infrastructure (India) Private Limited, India

**Associate** 07/03 – 07/04

**Baranagore Truck Terminal:**

Feasibility study and Design Proposal of the Multi - Modal transportation infrastructure facility having mixed-use functions of warehousing, booking services, civic amenities, shopping and an amusement

park to make the project commercially viable.

- **Responsibilities:** Design and planning of the site, detailing of individual buildings and co-ordinating with multi –disciplinary team consisting transport and urban planners.
- **Drawings:**
  - Complete layout plan of the site with landscaping
  - The layout of the Shopping Plaza
  - The layout of the Offices and Godown complex
  - The layout of dormitory/ canteen, Dhabas and Games Arcade and the Amusement park.

**Delhi Metro Rail Corporation:**

Contributed to Construction drawings and DUAC drawings of the four stations – Pulbangash, Wazirpur, Rithala and Trinagar and tender drawings of Rithala Multi- storied Car Park facility. Also contributed to presentation drawings for Pragati Maidan and Inderaprashta stations.

- Design and detailing of plans, elevations and sections.
- Flooring and reflected ceiling of concourse level at Pulbangash.
- Modification of site and landscape plans of Rithala
- Modification of elevation of entrance blocks of Rithala
- Modification and detailing of emergency staircase at Wazirpur and Rithala station
- Presentation Drawings of site plan, floor plan, movement plan, and conceptual sections for Pragati Maidan and Inderaprashta Stations.

**Integrated Parking Infrastructure facility for MCD:**

Proposal for innovative solution for parking in Shastri Park, Karol Bagh, South Extension, M- Block Market, GK –1 with technology like the SILO system to be built on a Public Private Partnership (BOT) basis.

- **Responsibilities:** Site Visit, Site Appreciation, Conceptual plans and sections, and research
- Reports on Integrated Parking Infrastructure facility on BOT basis.

Proposed Multi-storied car-park at the triangular corner of Kanteerava Stadium abutted by Vittal Mallya Road and Raja Ram Mohan Roy Road in Bangalore:

- The multi –disciplinary team was required to produce a conceptual and financially viable proposal.
- Contributed to conceptualization, and presentation.
- Prepared 3d views.

## **PROFESSIONAL EXPERIENCE- Infrastructure Development and Urban Planning**

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Jurong Consultants Pte. Ltd., Singapore

**Professional Internship** 08/04 – 12/04

Proposed Golf Course and Residential Development, Dubai Investment Park, Dubai, UAE:

- **Responsibilities:** Developing of master planning alternatives and the concept proposal for integrated residential resort and golf course.
- **Deliverables:** Contributed to the presentation material and basic scheme for planning

TransAsia Infrastructure (India) Private Limited, India

**Associate** 07/03 – 07/04

Protected Area Management – Hawf, Republic of Yemen:

Preparation of Training material for Biodiversity management Program, identification of probable ecotourism products and Proposal for Ecotourism Product Development, and Biodiversity Conservation.

- Preparation of Training material for Biodiversity management Program for Hawf: Designing Education materials for children comprising of book labels and one page stories and designing of Posters and pamphlets for educating the public.
- Preparation of Proposal for Ecotourism Product Development, Biodiversity Conservation.

**Reports:**

- Biodiversity Management Plan And Strategies For Community Based Ecotourism.

- **Development Of Competitive Ecotourism Products For Protected Area Management Project Hawf, Republic Of Yemen (Proposal for Ecotourism Product Development, Biodiversity Conservation and Economic Growth).**

**PROFESSIONAL EXPERIENCE- Bridges, Highways and Expressways**

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**TransAsia Infrastructure (India) Private Limited, India**

**Associate 07/03 – 07/04**

Preparation of Training material for Biodiversity management Program for Hawf: Designing Education materials for children comprising of book labels and one page stories and designing of Posters and pamphlets for educating the public.

**Second Vivekananda Bridge Tollway project:**

Proposed million 6.1 Kms long Six Lane Second Vivekananda Bridge Tollway across River Hoogly at Kolkata. The first major BOT Bridge Project promoted by a consortium of Indian and International companies under the flagship of NHAI.

- Documentation for financial closure, presentations for lenders, stakeholders, compilation of all existing reports and inventory of drawings, project review of Civil works and Traffic prediction, work on construction schedules and conceptualisation, and write up for the website.

**PROJECTS UNDERTAKEN**

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**Consulting Engineering Services (India) Pvt. Ltd, India**

**Internship 01/04 – 07/03**

- Landscape alternatives of Ceremonial route in Muscat, UAE
- Design Competition of ‘Sher-e- Kashmir’ campus at Chatha (J&K). INDIA
- Pavement design at SIDBI - IFBC Bandra, Mumbai, INDIA,
- Conceptual designs and presentation drawings of Muscat Corporation at Dhampur, UAE
- Terrace landscape drawings of Office complex at Dharavi –Mumbai ONGC Ltd., UAE
- Landscape alternatives for tendering for National Police Memorial- New Delhi
- Working drawings of Rotary plans of east coast trunk road – Mauritius

**Sushant School of Art and Architecture, India**

**Bachelor of Architecture 1998-2003**

**Major Projects Undertaken as Studio Exercises:**

- Urban Design on District Centre in Saket, New Delhi
- Seminar on ‘Advanced Building Technology’ involving design of DMRC, tensile structures, space frame structures and prefabrication
- Housing Design with working drawings of Type V and Type IV houses in HUDCO Place, New Delhi
- Design of Institute of Archeology and Library with complete working drawings
- Design of Handicapped advocates residence in New Delhi
- Design of Recreational Memorial in Gurgaon
- Fabrication of Graphic outdoor sculpture on First India Place, Gurgaon
- Seminar on Skyscrapers, Trends and Technologies

**Field work undertaken during architectural education:**

- Measure drawing of Old Goa houses
- Settlement study of Durbar in Dehradun
- Utility study of Tourist Centre, Gurgaon
- Conservation Management project for ‘The Revitalisation of Old Goa’

**Projects handled during self employment:**

- Proposal for Daily News TV station and studio in Noida, India.



- **Competition Submission for Indoor Stadium at Najafgarh, NCR India.**
- **Kebabz Krazy: An innovative new concept in the F & B industry**
- **Proposal for Residential and Retail Development in Dimapur: a historical location**

**Dissertation: Effects of Urban Crime on the Urban environment**

**Theses Project: Maritime Museum and Research Centre, Gopalpur, Orissa**

## **REFERENCES**

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- **Mr. S N. Sahai (IAS) MD & CEO of Delhi Integrated Multi-Modal Transit System Ltd (“DIMTS”)- (+91 9999455663)**
- **Mr. Tzen, MD, SAA Architects Pte. Ltd.,#17 SPRING Building, 2 Bukit Merah Central, Singapore. +65-62200411**
- **Dr. Ravindra Verma, Managing Director, TransAsia Infrastructure (India) Pvt. Ltd., 406-407, 57 Nehru Place, New Delhi. (Tel. +91 9810263633, +91 11 26286526)**
- **Prof. M.M. Rana, Dean Emeritus and Director of Sushant School Of Art And Architecture, Sector –55, Gurgaon (Tel. 0124 2570318)**