

## **RISHABH JAANGID**

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### ***About Myself: -***

Civil Engineering professional possessing technical expertise in domestic and international projects with excellent communication and interpersonal skills. Hard work and self-motivation are my fortes that have helped me taste success in all my endeavors. My team spirit and unwavering enthusiasm has always given new dimensions and higher heights to my projects.

### ***Qualification: -***

**B.Tech. Civil Engineering (2011) :** Babu Banarsi Das National Institute of Technology & Management, Lucknow, Uttar Pradesh affiliated to Uttar Pradesh Technical University.

**M.Sc. Transport Planning & Engineering (2016-19) :** Edinburgh Napier University U.K. (Distance Learning). Dissertation on 'Latent Demand of Public Transport in Bahrain.'

**Professional Membership :** Chartered Institution of Highways & Transportation (CIHT) UK

### ***Skills: -***

- Level headed diplomatic approach to working with others.
- Excellent written and communication skills in English.
- Open minded to work in complex environment and projects.
- Problem solving with analytical thinking.
- Teamwork spirit and result oriented.
- Software Skills: MS-Office, MS-Project, Auto-Cad, Microstation, Global Mapper, MX-Road, IN-Roads, Open-Roads, Civil 3D, Novapoint, Auto-Turn, SPSS, VISSIM

### ***Work Experiences: -***

**April 2018 till date:** Highway Engineer with **EGIS Bahrain**

- Alignment design of SAAR Interchange under widening and up gradation works of SKBS highway Bahrain.
- Preliminary and detailed alignment design of three interchanges in Medina, Saudi Arabia.
- Detailed design for internal roads for Mondelez - Bahrain International Investment Park.
- Preparation of BOQ, plan, profile and cross section drawings for road related works.
- Quality control of drawing submittals.

**September 2015 to March 2018:** Assistant Engineer with **COWI India**

- Preparation of 2-D and 3-D Design, Cross section, Pavement Plan for access road and construction site area for Køge Bugt Banen, Byggeplads in Ølsemagle, Denamrk.
- Preparation of 2-D and 3D Design for Road widening, Junction surface modelling, DTM & Expropriation plans along proposed Odense Tramway, Denmark.
- Pre bid design and BOQ of marking and signage for road and toll plaza for Bridge and approach roads, Sahebganj Bridge project Bihar, India.
- Preparation of 3D Design for proposed cycle path and parking lot for Vestvegen Till SDU, Denmark.
- Design and Build of Mubende Kakumiro Kagadi Road, Uganda which includes Inroads model, Location Plans, Plan Profile Drawings, Cross sections, Culverts Cross section, Typical Drawings for drainage details and culverts, Minor Junctions, Roundabout, Road sign and Marking, Schedules.
- 3-D modelling of Railway Ballast and design of access roads in Open Roads for upgrading of the Danish railway line between Ringsted and Rødby, with the objective to provide a double track, high speed connection to the Fehmarn Belt Link.
- Project scheduling from macro to micro level and allocation of resources in MS-Project.
- Participate in internal QMS audit and closure of non-compliances.

**May 2015 to September 2015: Assistant Engineer with Egis India Consulting Engineers Private Limited**

- Consultancy Services for Establishing a Road Inventory and Condition Data Base of the Roads of North Bihar, India.
- Conducting roughness survey for approx. 700 km and preparation of reports for Road Inventory, Road Condition, Roughness Value and International Roughness Index (IRI).
- Design of horizontal and vertical alignment for upgradation of Kalewa-Yagyi Road Section in Myanmar.
- Inventory report for pre bid of Delhi Meerut Expressway, India.

**December 2014 to May 2015: Deputy Engineer with LEA Associates South Asia Private Limited**

- Design review for Arusha Minjingu Road, Tanzania.
- Horizontal and vertical design, Road sign and Markings for Arusha Minjingu Road, Tanzania.
- Extract and represent design data and quantities for reports.
- Preparation of design review report.

**May 2014 to December 2014: Assistant Executive Engineer (Contract Basis) with Ministry of Road Transport & Highways (MoRTH) for Government of India.**

- Preparing Request for Proposal (RFP) document for various upcoming projects.
- Review of proposals received from various consultants/companies in accordance with various Indian Roads Congress (IRC) codes.
- Preparing Final Notification document for amendment in Central Motor Vehicle Rules, 1989 (CMVRs, 1989).
- Review and compilation of comments/objections of State Governments, Industries and other stake holders on draft amendments in CMVRs, 1989.

**May 2013 to April 2014: Assistant Engineer (Contract Basis) with FEMC-PRATIBHA JV**

- On site works for Delhi Metro Project CC-18 (Underground Metro Stations-Bhikaji Cama Place, Sarojini Nagar, INA & South Ex.)
- Identification of underground utilities and preparation of utility diversion plan for permanent or temporary diversion: Water, Sewer, Storm Water, PNG Pipe line and Electrical, Telecom & Optical Fiber Cables.
- Preparation of BOQ, Cost & Estimate, Method Statements, Quantity Variation Statement.
- Planning and execution of utilities diversion work at site as per specification.
- Billing to Client and preparation of sub-Contractor's bill.
- Preparation of daily and monthly progress reports.
- Coordinate with Client and Utility owning authority for approvals NDMC, CPWD, MCD, IGL, MTNL, DJB.
- Preparation of as built drawings and obtaining Completion Certificate from concerned utility owning authority.
- To ensure Safety & Environment friendly approach in execution of works.

**May 2012 to May 2013: Engineer (Contract Basis) with RITES Limited**

- To assist in preparation of feasibility report for Preliminary Engineering and Traffic Survey for future East-West Dedicated Freight Corridor for DFCCIL a subsidiary of Indian Railways.
- Collection of Land Plans, List of Culverts, Bridges and Horizontal Curves for existing corridor from concerned railway office.
- Geo referencing of existing topo sheets and forest maps using ERDAS Imagine and Global Mapper.
- Collecting terrain data by existing GTS benchmarks, DGPS survey and leveling and establishing Horizontal and Vertical control points on corridor.
- Base maps creation using satellite imagery and horizontal and vertical control points.
- Design of horizontal & vertical alignment using MX-ROAD.

**June 2011 to April 2012: Junior Engineer with Kantech Infracon Pvt Ltd**

- Handling various aspects from initiation to execution and timely completion of works for Construction of Road over Bridge.
- Reinforcement, Concreting and Curing of Sub structure and Super structure.
- Preparing BBS and joint measurement with Client and preparation of bills.
- Testing and quality control in execution.
- Preparation of Daily progress report and Labour report of site works.

***Personal Details: -***

- **Date of Birth:** 24 April 1991
- **Gender:** Male
- **Nationality:** Indian
- **Languages known:** English (S/R/W); Hindi (S/R/W).