

Sohail Shaikh

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Profile

An academically able and confident engineer who is practical minded and self-motivated. I strive to make best use of any available resources and techniques, to reach the pre-defined goals within the target period. I am currently looking for a structural engineer role in an ambitious company where I will be working with design experts, people who have the skills and experience to enhance my knowledge and skills.

Education & qualifications

M.Sc (Eng) Structural Engineering (Achieved: Merit)

(Sept 2018 – Sept 2019)

The University of Sheffield, UK

Modules: Design of Earthquake Resistant Structures, Multi-storey Steel Building Design, Structural Analysis, Structural Design, Earthquake Engineering and Risk Management, Structural Dynamics and Application of Earthquake Engineering

Project:

1. Dissertation: Performed Non-Linear Pushover Analysis on an existing structure and evaluated the seismic vulnerability of the same structure with & without presence of unreinforced masonry infills
2. Minor: Designed 5 storey steel structure within a day with the help of design guidelines like Eurocode, SCI publication blue book, green book and proposed the most cost-effective solution

Bachelors in Civil Engineering (Achieved: Distinction, 1st Class)

(June 2014 – May 2018)

Government College of Engineering Aurangabad, BAM University, India

Modules: Surveying, Mechanics of Materials, Theory of Structures, Fluid Mechanic, Design of Steel Structures, Design of Reinforced Concrete Structures, Design of Earthquake Resistant Structures, Estimation and Costing, Construction Project Management

Project:

1. Dissertation: Performed Road Safety Audit on the major roads of Aurangabad city. Proposed a safety model for the roads and implemented across the city with help of Road Transport Authority (RTA) of the city, resulting in 5-7% reduction in road accidents city wide
2. Minor: Designed 4 storey earthquake resistant structure by applying substitute frame method and modal analysis method by using Indian design guidelines IS 1893

Engineering Work Experience

JV Structural Engineering Consultant, India Pvt. Ltd.

(Oct 2019 – Present,

Junior Structural Engineer

Nov 2017 – April 2018)

Responsible to work closely with the senior structural designer on various residential, commercial projects. Preparing design schedules of structural elements and assisting structural draftsman to prepare structural drawing

Key responsibilities

- Performed structural analysis, load calculation, modelling of the structure for various projects effectively within the provided deadline
- Ensuring that all assigned work is completed within the provided time
- Attended meetings and confidently communicated with client, contractors, and senior engineers
- Mentoring and training the interns
- Dealing with the inquiries and troubleshooting any problem that might arise

Wonder Construction, India Pvt. Ltd. Civil Engineer - Intern**(Nov 2016 – Dec 2016)**

- Gained hands-on experience on preparing detailed estimate and approximate estimate
- Undertook training from the site engineer on qualitative tests for construction materials. Performed destructive test on concrete specimens in order to evaluate compressive strength of concrete

IT Skills

- Proficient in using MS office tool to prepare technical reports, presentations, draft letters, effectively creating and maintaining the excel spreadsheets
- Completed certified training in drafting software AutoCAD and designing software STAAD Pro V8i
- Possess competent knowledge of designing tool ETABS, SAFE, Opensees

Achievements

- Secured 2nd position from a pool of 650 teams Nation-wide in iSAFE – The Safer India Challenge'17 organised by Indian Road Safety Campaign in association with Ministry of Road Transport and Highways
- Represented BAM University in the all India national level sports competition "Excellentia"
- Achieved 2nd rank in School and was among top 100 in Aurangabad in National Cyber Olympiad Quiz competition
- Awarded with Scholarship for higher education from the Government of Maharashtra, India

Extra-curricular

- Certified '**Chartered Civil Engineer**' and '**Associate Member**' of the institution of engineer India
- Active student member of ICE and IStructE, participating in its various activities and attending the experts talk
- Worked as Stock counter at Orridge Pvt. Ltd., in United Kingdom, part-time, from 2018-2019. Supervised and assisted the team of 30 members to achieve the day target
- Performed as Sports Secretary at 'Civil Engineering Student Association', 2017-18.
- Volunteered as Lead Event Co-ordinator at a National level competition, WINGS'17. Lead a team of 7 members and also organised on-day workshop for the participants
- Assigned as Treasurer for 'Civil Engineering Student Association'. To oversee the financial matters and raise funds by arranging sponsorships for various cultural and technical events within the Civil Engineering department
- Volunteered as Event Co-ordinator at National Level Bowling Competition organised by Delhi Capitals, Indian Premier League Team and Aurangabad District Cricket Association

References

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