

Mohammad Furquan

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Education

University of Texas at Arlington

Master's in construction management (GPA: 3.67/4.0)

Arlington, TX

Aug 2022-May 2024

Courses: Project Management, Risk Management, Construction Productivity, Construction Contracts, Construction Planning & Scheduling, and Construction Cost Estimating

Deenbandhu Chhotu Ram University of Science & Technology

Bachelor of Technology in Civil Engineering (GPA: 6.67/10)

Murthal, India

Aug 2016-Sept 2020

Guru Brahma Nand Ji Government Polytechnic

Diploma in Civil Engineering, (GPA:78.92/ 100)

Nilokheri, India

Aug 2013-Jun 2016

Technical Skills

Software: AutoCAD, Revit, Navisworks, Microsoft Office 365, Microsoft Project, Primavera P6, ESRI ArcGIS, STACK, BIM

Licenses & Certifications

- CMIT (Construction Manager-In-Training)
- OSHA-30 Hour (Occupational Safety and Health Administration)

Professional Membership

Student Member: ASCE, PMI, NASTT, AGC, IAARC

Experience

Sabiha Construction Company Pvt. Ltd. (Commercial and Residential Real Estate)

Faridabad, India

Assistant Construction Manager

Aug 2020-Jul 2022

- Obtained all essential permissions and coordinated with all utility providers for each project; doubled process efficiency and reduced errors by 10%.
- Estimated material quantities & costs during project planning to support the budget at different phases of construction and project control.
- Conducted routine site inspections thrice a week to verify that all projects were on schedule and within budget.
- Managed 3 construction projects valued up to \$16 million; executed and maintained management processes in the areas of scheduling and quality production, communication, cost, and procurement management under the supervision of the Project Manager.
- Monitored execution of contract work for compliance with design plans and specifications (for 3 towers, G+20).

Sabiha Construction Company Pvt. Ltd. (Commercial and Residential Real Estate)

Faridabad, India

Project Coordinator

Aug 2019-Jul 2020

- Maintained Submittal Logs, Specification Logs, RFI logs and responses, meeting minutes, and as-built drawings by regularly updating to track the daily project basis.
- Received information related to the project and distributed the information to the responsible parties.
- Attended weekly meetings as required, meeting minutes, and follow-up on actions.
- Conducted safety inspections, ensuring compliance with ISO 14001-2004 and OSHA 18001-2007 standards.
- Ensured all project documentation complies with project formats, company practices and standards of performance, styles, and verification forms.

Academic project

- **Risk Management of The Channel Tunnel project - the University of Texas at Arlington** Aug 2022-Dec 2022
Performed a comprehensive risk assessment of The Channel Tunnel project and developed a risk management plan to minimize 48 potential risks found.
- **Improving Construction Productivity Using BIM and RFID** Aug 2022-Dec 2022
Explored the use of Building Information Modeling (BIM) and Radio-Frequency Identification (RFID) to improve the productivity and efficiency of construction projects.
- **Grading of construction entities - Deenbandhu Chhotu Ram University of Science & Technology** Aug 2018-Apr 2019
Developed a grading system for construction entities based on 16 selected parameters.
- **Design & Estimation of Flexible pavement - Guru Brahma Nand Ji Government Polytechnic** Jan 2016-Apr 2016
Designed and estimated the cost of flexible pavement and evaluated the performance and durability for a 3km long road stretch.

Leadership Activities

- **Coordinator-** Estrutura '19 Annual CE Symposium. Apr 2019
Conducted and managed the designing, procurement, and marketing committees (60 members & volunteers).
- Managed organizing team, planned and executed the Annual Technical Festival. Apr 2018
- Co-Coordinated the 35+ members in the Designing committee - Estrutura '18 Annual CE Symposium Mar 2018
- Organized a 7-day Environment Awareness Camp in the National Service Scheme (NSS). Sept 2017

Extracurricular & Volunteering

- **Volunteer: No-Dig Show 2023, at Portland, Oregon.** Awarded a scholarship and Will be assisting the exhibitors. (Upcoming) Apr 2023
- **Volunteer: ASCE (Dallas Chapter Editorial Committee)** Jan 2023- Present
Student chapter updates for the April issue and an article on Construction Contracts and disputes in 2023 in Dallas.
- **Theater, 'Sparsh' University's Theater Society** Aug 2016-Apr 2019
Represented university at the National and Zonal level, got 3rd position in Stage Play at All India University (North zone competition).
- **Savera School (NGO) - Tutored (25+) primary and high school students.** Aug 2016-May 2019