

KAZI FAHAD QUDDUS

SUMMARY

Highly-motivated employee with desire to take on new challenges. Strong worth ethic, adaptability and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

EXPERIENCE

Sub Divisional Engineer, 03/2015 - Current

Local Government Engineering Department, Bangladesh

- Monitored and inspected construction sites to ensure compliance with safety regulations.
- Developed detailed cost estimates for upcoming projects.
- Conducted periodic site visits to evaluate project progress and quality assurance.
- Provided technical guidance and support to junior engineers in the field.
- Reviewed plans and specifications for proposed projects for accuracy, completeness, and feasibility.
- Assisted in resolving conflicts between contractors, vendors, clients, and other stakeholders.
- Interfaced with local government agencies regarding permits required for construction activities in assigned areas.
- Ensured that proper documentation is maintained throughout the entire project life cycle including change orders and contract modifications if any.
- Developed strategies to reduce costs while maintaining quality standards across multiple projects simultaneously.
- Monitored contractor performance to ensure adherence to timelines and quality standards.
- Performed testing to determine functionality or optimization.
- Prepared estimates and budgets.
- Conferred with technical personnel to prepare designs or operational plans.

Structural Engineer, 04/2012 - 02/2015

ZMT Estate Pvt Ltd

- Monitored contractor performance during construction phase to ensure compliance with design intent.
- Conducted structural analysis of structures using ETABS to determine load-bearing capacity and structural integrity.
- Performed seismic analyses on buildings according to local building codes.
- Visited project sites to evaluate existing conditions and verify measurements.
- Analyzed data from soil samples to assess potential foundation

CONTACT

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SKILLS

- Stakeholder Management (Donor, Contractor, Higher Authority, Local Politician)
 - Procurement of works
 - Mechanical Aptitude
 - Work Planning and Prioritization
 - Inspections
 - Process Management
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WEBSITES, PORTFOLIOS, PROFILES

- <https://www.linkedin.com/in/kazi-fahad-quddus-586170203/>
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EDUCATION AND TRAINING

Ph.D. in Earth and Atmospheric Sciences, (Ongoing)

University of Houston- Houston, United States

**Master of Professional Engineering (Environmental Engineering),
Environmental Engineering, 07/2023**

Griffith University - Brisbane, Australia

- Griffith Award for Academic Excellence 2022 Recipient
- International Student Scholarship (20% of semester fee) Recipient in each (4) semester due to academic excellence
- Research: Dust Activities Due to Wind Erosion and Bushfire. A Case Study of South East Queensland in 2019-20, Outcome: This study can help develop better early warning systems and decision-makers manage fire season preparations as well as having better knowledge about the direction and pathways of pollutants.
- Additional Coursework in AIR QUALITY MONITORING AND CONTROL (Achieve 98% marks)

Bachelor of Science, Civil Engineering, 03/2012

Bangladesh University of Engineering & Technology - Dhaka, Bangladesh

CERTIFICATIONS

- IEB No: 36030 (The Institute of Engineers, Bangladesh License - 2012
- EA no: 8376109 (Engineers Australia) License - 2020
- Tailor Made Training Urban Drainage Planning, Design, Construction and Management , IHE DELFT, Institute for Water Education under the auspices of UNESCO, The Netherlands - 2019
- Planning and Prioritization of Rural Roads in Bangladesh , Local Government Engineering Department (LGED) and Department of Urban and Regional Planning, BUET sponsored by UK aid through Research for Community Access Partnership (ReCAP) - 2018
- "E-Module on Code of Ethics" under Capacity Development Plan (CDP) , Bangladesh Agricultural Infrastructure Development Program (BAIDP), Local Government Engineering Department (LGED) funded by USAID and UNOPS - 2017
- Quality Control of Sub-Soil Investigation, Quality Control of Cement, Concrete and Bitumen, Construction Techniques and Management, Bridge Construction Management (Pre-Stressed Concrete), Public Procurement Management, Procurement of Works through e-GP, Integrity Practices and Strategy in Public Service Delivery, LGED - 2015, 2016, 2017, 2018, 2019