

Er. Faisal Ahmed

Project Manager, Metro Rail Infrastructure

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PROFILE

Civil engineer and PMP with 15 years delivering urban rail, elevated viaducts and underground stations. Delivered a 9.4 km elevated corridor ahead of schedule with zero fatal incidents.

PROFESSIONAL EXPERIENCE

Project Manager

2019 – Present

Urbanline Infra Projects (metro contractor)

- Delivered a 9.4 km elevated metro corridor with 8 stations worth ₹2,100 crore, 3 months early.
- Lead 45 engineers and 1,800 workers; 6.2 million safe man-hours without a fatal incident.
- Introduced 4D BIM scheduling for all station works.

Senior Engineer, Underground Stations

2013 – 2019

Riverside Tunnelling Company

- Cut-and-cover construction of 2 underground stations under a dense market area.

Site Engineer

2010 – 2013

Greenfield Infra Projects

- Flyover and bridge construction; quality control and billing.

SELECTED PROJECTS

Elevated corridor, east–west line

2019 – 2024

Urbanline Infra Projects

- Precast segmental viaduct with launching girders; 900 spans.

Market Square underground station

2015 – 2018

Riverside Tunnelling Company

- Top-down construction with live traffic diversion.

PUBLICATIONS

Ahmed, F., Rao, S., & Fischer, A. (2026). Revisiting digital twins for flyovers. *International Conference on Sustainable Infrastructure*, pp. 286–298.

Ahmed, F., & Rao, S. (2026). Designing for digital twins for flyovers. *Concrete Research Reports*, 42(3), 142–163.

EDUCATION

M.Tech., Transportation Engineering

2008 – 2010

Eastern Institute of Engineering Science

B.E., Civil Engineering

2004 – 2008

Bengal Engineering College of the Plains

First Class Honours

CERTIFICATIONS

- Project Management Professional (PMP)
- Chartered Engineer, national institution of engineers

- Construction safety management (NEBOSH-equivalent certificate)

AWARDS & HONOURS

- Safety Excellence Award, metro rail corporation (2023)
- Best Project Manager, company annual awards (2022)

TALKS & PRESENTATIONS

- Poster: "New approaches to seismic retrofitting of masonry schools", Bridge Engineering Review, Bengaluru, 2026.
- Contributed talk: "Measuring bridge health monitoring with sensors", Bridge Engineering Review, London, 2026.
- Invited talk: "New approaches to seismic retrofitting of masonry schools", Symposium on Structural Engineering Practice, New Delhi, 2025.

TEACHING & TRAINING

- Guest lectures on metro construction for M.Tech. students

COMMITTEES & COMMUNITY

- Member, technical committee on precast construction (industry body)

SKILLS

Engineering: Viaducts, underground stations, precast segmental construction, contract management

Tools: Primavera P6, MS Project, Revit, Navisworks, STAAD.Pro

Languages: Bengali, Urdu, Hindi, English

REFERENCES

Available on request.