

Shahid Rahman

Project Engineer (Civil)

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Professional Summary

With over 5 years 6 months of hands-on experience as a Project Engineer, I have successfully led the execution of diverse projects, including the completion of G+5 building structures and Aizawl Smart City, Mizoram. My professional journey includes integral involvement in expansive smart city initiatives, where I've gained comprehensive knowledge of the entire engineering process. From overseeing construction projects for buildings, playgrounds, roads, sewerage, and drainage systems to managing procurement, landscape projects, IT integration, invoicing, RA bill verification, and team coordination, I bring a versatile skill set to the table.

As I seek a new challenge, I am eager to transition into a role as a Structural Engineer/Designer. My expertise lies not only in the technical aspects of structural engineering but also in effective project management and leadership. I am poised to apply my rich experience to a new setting, contributing to innovative projects and further developing my skills in the dynamic field of structural engineering.

Skill

Technical Expertise

AutoCAD/Staad Pro/Sketch

MS Project

MS Office

Diploma in Bar Bending Schedule Mastery

Computer Proficiency

Project Management

Passion for Learning

Leadership and Management Skills

Time Management

Quality Control

Effective Communication skill

Team collaboration

Cost Estimation

Risk Management

Client Relation

Health & Safety Awareness

Documentation

Problem Solving

Structure Knowledge

Experiences:-

Project Engineer (Civil)

11/2023 to Present

WAPCOS LIMITED - Jeypore, Odisha

(Integrated Sports Complex at Phulabada in Jeypore, Odisha Project cost- Rs. 20 Crore)

Project Management Excellence:

- Currently managing the ongoing Integrated Sports Complex project with a budget of Rs. 20 Crore, overseeing all phases from initiation to completion for successful project delivery.

Design and Drawing Oversight:

- Checked and finalized designs, foundation designs, and steel detailing in AutoCAD and Revit.
- Checked Profiles and Test Data Sheets for accuracy.
- Checked BOQ items received from the procurement division.
- Checked and finalized drawings in AutoCAD (2D software) with respect to BOM & sketches.
- Prepare BBS for Site Execution

Cross-Functional Coordination:

- Coordinate with cross-functional teams, including architects, contractors, and subcontractors, ensuring seamless communication and collaboration for effective project execution.

Schedule Monitoring and Adaptation:

- Monitor and update project schedules, ensuring alignment with milestones and adjusting timelines as needed to accommodate unforeseen challenges.

Site Inspection and Issue Resolution:

- Conduct regular site inspections to assess construction progress, identify potential issues, and implement proactive solutions to keep the project on track.

Design Compliance:

- Collaborate closely with the design team to review and approve engineering plans, ensuring compliance

with regulatory standards and project specifications.

Efficient Procurement and Supply Chain Management:

- Oversee the timely procurement of materials and equipment required for the project, maintaining efficient supply chain management.

Safety Implementation:

- Implement and enforce comprehensive safety protocols, ensuring the well-being of on-site personnel and compliance with industry regulations.

Effective Communication and Team Collaboration:

- Facilitate regular team meetings to ensure effective communication and address any emerging issues, fostering a collaborative and solution-oriented project environment.

QA/QC Engineer (Civil)

7/2023 to 11/2023

WAPCOS LIMITED - Bareilly, Uttar Pradesh

(5 months experience working as a QA/QC Engineer)

(Consultancy Services for the Quality Control Third Party Checking/Testing and Quality Surveillance System for under Construction various Construction and Development (Civil, Electrical, Sanitation, Water Supply, Sewer Line, Electrical Distribution, Substations etc.) works under Bareilly Development Authority, Project cost- Rs. 600 Crore)

- Conducted inspections and tests on constructed assets in accordance with approved Inspection and Test Plans.
- Verified that records of independent inspections, testing, and material sampling for works brought to the site comply with contractual obligations.
- Validated the completion of ongoing work activities under my control, ensuring alignment with approved shop drawings and specifications.
- Tracked, monitored, and controlled site inputs into the quality system to ensure compliance with the Quality Management System (QMS).
- Processed, evaluated, and submitted completed Non-Conformance Reports (NCRs), Corrective Action Requests (CARs), inspections, and audit reports promptly to the Project QA/QC Manager.
- Reviewed inspections conducted by client representatives, third-party laboratories, and subcontractors to ensure quality standards.
- Reviewed design information to determine if there are sufficient details for the successful construction of the works.
- Maintained a comprehensive site diary, guaranteeing accurate and up-to-date records of construction activities.
- Established and maintained secondary control of the project from primary control.
- Provided dimensional control for main contractor works, ensuring precision and accuracy.
- Conducted defined inspections to verify the quality of the works.
- Collated and meticulously managed comprehensive quality records, ensuring they were continually updated and maintained.

Project Engineer (Civil)

02/2019 to 6/2023

WAPCOS LIMITED - Aizawl, Mizoram

(4 years 7 month experience working as a Project Engineer in WAPCOS Ltd.)

(Aizawl Smart City, Aizawl, Mizoram, Project cost- Rs. 2,000 Crore)

Design and Drawing Oversight:

- Checked and finalized designs, foundation designs, and steel detailing in AutoCAD and Revit.
- Checked Profiles and Test Data Sheets for accuracy.
- Checked BOQ items received from the procurement division.
- Checked and finalized drawings in AutoCAD (2D software) with respect to BOM & sketches.
- Prepare BBS for Site Execution

Documentation and Coordination:

- Maintained ISO records for drawings and client submissions.
- Coordinated with clients, consultants, site offices, and sub-contractors regarding design issues.
- Coordinated and resolved drawing issues on-site for timely completion.
- Read specifications and evaluated drawing-related points, notes, etc., at the order stage.

Client Communication and Progress Monitoring:

- Reviewed client comments, revisions, and updates at the final stage.
- Prepared and checked day-to-day progress as per client's requirements.

- Reviewed design information to determine if there are sufficient details for construction.
- Maintained a comprehensive site diary, ensuring accurate records of construction activities.

Stakeholder Management and Compliance:

- Developed working relationships with internal stakeholders.
- Inspected construction operations for compliance with contract specifications and safety.
- Worked collaboratively with contractors and engineers to ensure compliance with plans and specifications.
- Contacted suppliers for quotes on project materials to determine the best possible pricing.

Project Management and Financial Oversight:

- Managed multiple ongoing projects simultaneously.
- Checked and verified contractors' RA bills and prepared extra excess saving statements.
- Checked and verified price escalation and took and checked joint measurement records.
- Maintained documentation and used computer-aided design software like AutoCAD/Staad Pro.

Financial Transactions and Quality Assurance:

- Handled continuous project monitoring and management, including developing forecasts, tracking expenses, and approving payments.
- Modified and reconstructed project plans to better align with organizational objectives.
- Brought projects in on-time and in accordance with budget and quality standards.
- Prepared samples for testing based on the type of materials and specified procedures.

Smart City Initiatives and Survey Coordination:

- Coordinated and monitored different scattered projects under Aizawl Smart City Limited.
- Prepared and compiled Smart City Detailed Project Reports (DPRs).
- Monitored activities such as surveys and execution works.
- Handled and resolved minor and major sites as well as project-related ROW with the help of the client.

Communication and Leadership:

- Responded to all correspondence, progress reports of ongoing projects, etc.
- Responsible for preparing and clearing invoices from different departments of different projects.
- Proactively acted in the absence of the Team Leader in various discussions with the client and the team.

➤ **Construction of Convention Centre in Aizawl, Mizoram - April 2022 to June 2023)**

- Spearheaded site execution activities, ensuring adherence to project timelines and quality standards.
- Managed a project with a budget of Rs.34 Crore, overseeing cost control and financial aspects.
- Collaborated closely with cross-functional teams to resolve construction challenges and optimize project efficiency.

➤ **Accelerated Irrigation Benefit Project (AIBP), Uttarakhand - February 2019 to August 2019)**

- Prepared detailed reports for Concurrent Monitoring and Final Evaluation in 2019, showcasing analytical and reporting skills.
- Successfully managed a project with a budget of Rs.4.50 Crore, demonstrating financial oversight and project control.
- Coordinated with stakeholders to address project-specific requirements and ensure successful project outcomes.

➤ **Construction of Indoor Hall, Orissa - February 2019 to August 2019)**

- Led the preparation of comprehensive tender documents, demonstrating expertise in project planning and management.
- Played a key role in project planning and execution, contributing to the successful completion of the indoor hall construction project.

➤ **(Independent Review and Monitoring Agency (IRMA) for Atal Mission for Rejuvenation and Urban Transformation (AMRUT))**

- Prepared detailed reports for Atal Mission for Rejuvenation and Urban Transformation (AMRUT), highlighting monitoring and reporting capabilities.
- Managed a project with a budget of Rs.3.55 Crore, showcasing financial management and budget control skills.
- Collaborated with diverse stakeholders to ensure alignment with project objectives and regulatory requirements.

Super Construction - Gurgaon, Haryana

(9 months experience working as Site Engineer in Super Construction Pvt. Ltd.)

- Inspect project sites to monitor progress and ensure design specifications as well as safety and sanitation standards are being met.
- Guide a managerial and industrial team of 30 by providing technical advice regarding design, construction, structural repairs and program modifications.
- Oversee all construction, maintenance and operations activities on sites, achieving 95% of projects on time or ahead of schedule.
- Determined project feasibility by estimating the quantities and cost of labor and materials.

Education

- **Bachelor of Technology (2014- 2018)**
Uttarakhand Technical University
- **High School (2013)**
Dr. Jaggannath Mishra College
- **Senior Secondary School (2011)**
ST. Xavier's Jr/Sr. School

Internship

- **Green Ghar Pvt. Ltd.**
Internship (22/05/2017 to 14/07/2017)
- **Uttar Pradesh Jal Nigam Ltd.**
Internship (10/06/2017 to 10/07/2017)

Roles and Responsibilities

- Monitor all site safety and legal requirements to ensure a secure working environment.
- Review project proposals and plans to develop clear project objectives.
- Identify project phases and elements to establish a comprehensive project framework.
- Establish project specifications based on a thorough review of performance standards, client requirements, and product design.
- Design testing methods to monitor the overall quality of the project.
- Schedule and monitor engineering tasks to ensure project timelines are met.
- Collect and analyse project information to create status reports and recommend future actions.
- Create drawings used in the design and construction phases of the project.
- Manage the team of engineers working on the project, providing guidance and support.
- Check and monitor progress/approval reports status on a daily, weekly, and monthly basis.
- Track storing, loading, and delivery to the project site.
- Mentor the preparation and control of project quality system management documentation prior to project/activity commencement.
- Ensure all project sites comply with the Document Control system.
- Provide guidance and advice to the Project Manager on significant changes to the quality management system that impact site operations.
- Track, monitor, and control site inputs into the quality system, ensuring compliance with the Quality Management System (QMS).

Personal Details

Date of birth:	14 June 1997
Marital status:	Single
Permanent Address:	Banke Shah Chowk Chandwara, Azad Road, Muzaffarpur, Bihar-842001
Passport No:	S3533203
Nationality:	Indian
Language:	English and Hindi