

SHAMIM SHAHINUR RAHMAN

Civil Engineer

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Professional Summary

Civil Engineering graduate with practical experience in **construction supervision, infrastructure development, and project execution**. Currently working as a **Site Engineer at Macrocosm Builders**, managing multiple government educational infrastructure projects. Skilled in **AutoCAD, RCC analysis, quantity estimation, and construction management**. Seeking to contribute engineering and site management expertise to infrastructure projects.

Work Experience

Macrocosm Builders, Nalbari, Assam

QC Engineer

June 2025 – Present

- Supervising construction and maintenance works for multiple institutional infrastructure projects.
- Managing labour coordination, site execution, and quality control activities.
- Monitoring construction progress and structural work at:
 - Nalbari Engineering College
 - Suwali High School
 - Debiram Pathsala Higher Secondary School
 - Paschim Banbhag Higher Secondary School
 - Raghunath Choudhary Higher Secondary School
 - Makhibaha Higher Secondary School
- Ensuring compliance with engineering drawings, safety regulations, and construction standards.
- Assisting in quantity estimation, project scheduling, and coordination with contractors.

Indian Railways, Maligaon, Guwahati

Internship

- Assisted in track maintenance and sleeper manufacturing operations.
- Studied railway water supply systems and infrastructure safety measures.

Public Works Department (PWD), Nalbari

Internship

- Assisted in construction activities for Nalbari Engineering and Medical College infrastructure projects.
- Observed site supervision and government project execution processes.

Indian Oil Corporation Limited (IOCL), Noonmati

Internship

- Learned industrial construction safety practices and refinery infrastructure management.
- Assisted in basic cost estimation and risk analysis processes.

Technical Skills

- **Engineering Software:** AutoCAD, Revit, SketchUp, STAAD Pro, MATLAB
- **Construction Management:** Cost Estimation, Project Scheduling, Quantity Surveying, Risk Analysis
- **Structural Engineering:** RCC Design, Structural Analysis, Finite Element Analysis
- **Surveying Tools:** GIS, Drone Mapping, GPS Surveying
- **Programming:** Python, JavaScript

Education

B.Tech in Civil Engineering

Central Institute of Technology, Kokrajhar, Assam

2021 – 2025

Higher Secondary

SAI R.N.S Academy, Guwahati

2021

Secondary School

Vivekananda Kendra Vidyalaya, Nalbari

2019

Projects

Design and Analysis of RCC Residential Building

- Designed and analyzed structural components using AutoCAD and RCC principles.

Surveying Using Drone and GPS Technology

- Conducted geospatial mapping for land development applications.

AI-Based Construction Risk Analysis

- Developed a machine learning model to identify construction site hazards.

Leadership & Activities

- Robotics club Head, CITK and organizer of technical workshops during Bachelor's.
- Training & Placement Office representative at CITK during Bachelors.
- Participated in National engineering conferences.

Languages

English (Fluent), Hindi (Fluent), Assamese (Native)