

Mukul Bisui

Design Geotechnical Engineer at G-CUBE

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Carrier Objective: A dedicated Geotechnical Engineer with **Two Years** of experience specializing in reinforced soil wall design, slope stability analysis, and comprehensive geotechnical investigations. Seeking an opportunity to contribute to innovative engineering projects while advancing my professional development in a dynamic work environment.

Professional Experience:

Design Geotechnical Engineer

G-Cube Consulting Engineers LLP. [Kolkata, West Bengal]

NOV 2022 – Present

- **Reinforced Soil Wall Design:** Designed and supervised the construction of reinforced soil walls for various infrastructure projects and compliance with relevant standards.
- **Slope Stability Analysis:** Conducted comprehensive slope stability analysis for projects, utilizing software tools like SLIDE to propose effective slope stabilization measures.
- **Technical Reporting:** Prepared detailed geotechnical reports and documentation, presenting findings and design recommendations to clients and project stakeholders.

Academic Qualification:

Course Name	Institute Name	Board Name	Passing Year	Marks (% or point)
M. Tech	NIT Silchar	NIT Silchar	2022	9.02
B. Tech	Jalpaiguri Government Engineering College	Maulana Abul Kalam Azad University Of technology, West Bengal	2019	7.02
Higher Secondary Education(12 th)	Manikpara High School	West Bengal Council of Higher Secondary Education	2015	69.60
Secondary Education (10 th)	Manikpara High School	West Bengal Board of Secondary Education	2013	80

PROJECTS DETAILS:

➤ Reinforced Soil Wall:

a) Dibrugarh Town Station of Tinsukia Division, Assam (Max Wall Height: 8.00 m)

Client: NF Railway, Tinsukia, Assam

EPC Contractor: M/S Allied Infrastructures & Projects Pvt Ltd.

- b) Kachukhana Harichara Paglagunj to Dhubri-Phulbari, Assam (Max Wall Height: 8.80 m)
Client: National Highways & Infrastructure Development Corporation Ltd.
EPC Contractor: M/S Jandu Construction India private Limited.
- c) Karimnagar Warangal Section, Telangana (Max Wall Height: 12.80 m)
Client: National Highways Authority of India.
EPC Contractor: M/S. Dilip Buildcon Limited.
- d) Paschim Bardhaman, West Bengal (Max Wall Height: 12.80 m)
Client: Office Of the Executive Engineer N. H Division No. Iii, P.W.(Road) Directorate, Durgapur
EPC Contractor: M/S GPT Infraprojects Limited.
- e) Hamren To Howrah Hat Tiniali Via Tumpreng, Hojai & Nilbagan, Assam (Max Wall Height: 12.40 m)
Client: Public Works Roads Department, Govt. Of Assam.
Contractor: M/S. Shree Gautam -Anupam (JV).
- f) Nidi -Roha Stations, Maharashtra (Max Wall Height: 7.20 m)
Client: M/S Maharashtra Rail Infrastructure Development Corporation Ltd.
- g) Prayagraj (Near Mahuwari), Uttar Pradesh (Max Wall Height: 10.40 m)
Client: National Highways Authority of India.
EPC Contractor: M/S GPT Infra Projects Ltd.

➤ **Slope Stability Analysis: -**

- a) Sukinda, Jajpur District, Odisha (Gabion Fascia Rs Wall Max Height: 20.00 m)
Contractor: M/S Facor Ltd.
- b) Odisha/Andhra Border – Jakkuva Section, Andhra Pradesh (Soil Nail Wall and Gabion Fascia Rs Wall)
Contractor: M/S H.G. Infra Engineering Ltd
- c) Shristi Nagar, Assam (Gabion Fascia Rs Wall Max Height: 7.00 M)
Client: M/S Shristi Infrastructure Development Corporation Ltd.

➤ **Geotechnical Investigation Report writing:** In Those Area of Jeypore - Malkangiri, Bardhaman, Budhapanka to Tentuloi, Ekchari to Mahagam, Nuapada_Balangir, Nagaur and Karjat to Matheran, Pune Etc.

Skills:

- **Technical Skills:** Reinforced Soil wall Design, slope stability analysis, Ground improvement techniques, Geotechnical investigations.
- **Software Proficiency:** MSEW+, SLIDE, Geo Structural Analysis (Geo 5), Microsoft Office Suite, AutoCAD and Abaqus.
- **Field Skills:** Laboratory testing and Site monitoring.
- **Communication Skills:** Technical report writing, client liaison and team collaboration.

Academic Projects and Internship:

Organization Name	Duration	Location	Project Title
NIT SILCHAR	One year	NIT Silchar campus	Vibration mitigation using series of hollow boreholes: A numerical and experimental study
Jalpaiguri Government Engineering College	One year	Jalpaiguri Govt Engineering College	Design of G+5 storied building
GEOTREAT	One month	Dumdum, Kalyani AIIMS Site. Boro bazar Metro Site.	Testing methodology for the determination of different soil parameters as per relevant standard specification.

Professional Development (Certification Course):

- STAAD-PRO under MSME TOOL ROOM KOLKATA.
- GEOFEA 10 (IIT ROORKE)

Key Skill:

- Ability to work as a part of a team or even lead a team.
- Creative and willing to learn.
- Problem solver and manage all situation & overcome from that situation.

Languages known: Bengali, English, Hindi

Hobbies:

- Travelling.
- Reading Bengali novel & story books (Adventure & Detective type)
- Watching movies (Detective, romantic type & Bengali art film).
- Listening music.

Social Activities:

- Active blood donor (A+)

Personal Information:

- Nationality: Indian
- State: West Bengal
- District: Jhargram
- Date Of Birth: 21st October 1997
- Sex & Marital Status: Male & Unmarried
- Mob no: 9593842303