



RAKESH DUTTA

📍 Vill+P.o+P.s- Binpur, Dist-
Jhargram, Pin- 721514

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PERSONAL STATEMENT

Ambitious Geotechnical Engineer with strong analytical thinking and problem-solving skills, able to apply knowledge of soil mechanics and foundation design. Proficient in data analysis and project management, ensuring successful project delivery. Eager to contribute to innovative engineering solutions that enhance infrastructure safety and reliability.

CORE QUALIFICATIONS

- M.tech In Geo-Technical engineering

EDUCATION

- **M.tech** , Geo-Technical Engineering
University:Moulana abul kalam azad university of technology
Passing year: 2019
Marks(%): 65
- **B.tech** , Civil Engineering
University:Moulana abul kalam azad university of technology
Passing year: 2015
Marks(%): 63.3
- **Higher Secondary**
Board:West Bengal council of higher secondary education
Passing year: 2010
Marks(%): 55.4
- **Madhyamik**
Board:West Bengal board of secondary education
Passing year: 2008
Marks(%): 70.75

WORK EXPERIENCE

Geo-Technical Engineer, 08/2023 - Current

Pioneer Surveyors, Kolkata, India

- **Preparation of Geotechnical Investigation Report**, detailed bearing capacity calculation of various type of foundations viz. railway & **highway** bridges, ROB, RUB, VUP, ROR etc multistoried building, industrial plant, high tension tower, CBR report for various type of pavement design.
- Planning meetings and visiting client's office for report/project related queries/issues.
- To conduct detailed sub-surface geotechnical investigation from **planning** phases to **project monitoring, completion and delivery** to our clients.
- To conduct bore logging, various type field testing, Supervision of collection of different samples like UDS, DS, SPT, DCPT, Plate load test, Interpretation of field Log with Laboratory Log & laboratory testing on soil and Geochemical Survey etc.
- **Preparation of Detailed project Report, Estimation of MDR and Village Road.**
- Supervising the field project, monitoring the daily progress of projects and providing detailed updates/work progress report to Client.
- Ensuring team members have the supplies and resources they need to complete their assigned tasks on time and within their budget limits.

Assistant Professor, 02/2020 - 08/2023

Mallabhum Institute of Technology, Bishnupur, India

- To conduct Soil Mechanics, Foundation Engineering subject and Geotechnical Laboratory.

Site Engineer(Civil), 08/2015–09/2018

B.Das&Associates(P) Ltd., Kolkata, India

- Interpreting engineering plans, blueprints, and topographical data to mark out construction areas, set levels, and establish site layout.
- Inspecting materials and workmanship to guarantee compliance with quality standards, conducting necessary tests, and identifying potential issues.
- Overseeing daily construction activities, managing site labor, and ensuring proper execution of work by subcontractors according to project specifications.
- Enforcing safety protocols on site, addressing safety concerns, and ensuring worker compliance with safety regulations.
- Tracking construction progress against project timelines, identifying delays, and implementing corrective actions.
- Ordering and managing the delivery of construction materials, ensuring proper storage and inventory control.
- Maintaining detailed site diaries, preparing progress reports, and documenting project activities through photographs and other records.

KEY PROJECTS

- The detailed geotechnical Investigation for proposed Gauge conversion project between **Haripur-Devgharh** (102 KM) Single out skills and specific research areas that apply to the job you want of North western Railway.
- Geotechnical Investigation for various bridges for new Railway BG line project between **Krishnanagar&Karimpur** for approx. length of 80 km. of Eastern Railway.

- Geotechnical Investigation Report for proposed FOB of South-Eastern Railway.
- Geotechnical Investigation Report for upgradation in the campus of Khulna Rural Hospital, Sandeshkhali II Block in the district of North 24 Parganas.
- Geotechnical Investigation Report for the construction of different structures at sports Complex within Kharagpur Industrial Park in the district of PaschimMedinipur.
- Geotechnical Investigation Report for the construction of proposed G+3 storied office building of the finance department (Excise) in the district of PaschimMedinipur.

PROFESSIONAL RELEVANT SKILLS

- Plaxis-2D
- Staad pro
- Autocad
- MS Office(Word, Excel, PPT)

HOBBIES AND INTERESTS

- Playing Cricket, Footballs and various games.
- Reading books
- Travelling

LANGUAGES KNOWN

- Bengali
- English
- Hindi

PERSONAL PROFILE

- **Name:**Rakesh Dutta
- **Father's Name:**Sanatan Dutta
- **Mother's Name:**Kabita Dutta
- **Sex:** male
- **Marital Status:** Single
- **Nationality:** Indian
- **Date Of birth:** 02/05/1993
- **Permanent Address:** Vill+P.o+P.s- Binpur, Dist-Jhargram, Pin- 721514

DECLARATION

- I do hereby declare that the statements furnished here are true and given my best knowledge. In case of any information are false or incorrect my candidature may be cancelled without any notice.

Date:
Place:Binpur

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