



VAIBHAV JAIN

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PERSONAL STATEMENT

An Entrepreneur, Designer & Technical Consultant Skilled in Staad-Pro, MSEW 3.0 Software also Responsible for the Design for RE Wall, preparation of detailed Geotechnical Investigation report with SBC, Data interpretation, Ground Improvement & Global Stability.

EDUCATION

M. Tech, Soil Mechanics & Foundation Engineering **2015 — 2017**
G.B.P.U.A.T Pantnagar, Uttarakhand

M.Tech Thesis : " Variation in Geotechnical Properties of Expansive Soil by adding Jute Fibre Reinforcement "
CGPA: 7.55 /10

B.Tech, Civil Engineering **2010 — 2014**
College of Engineering Roorkee, Uttarakhand
Percentage: 66.10%

AREA OF EXPERTISE

- Familiar with IS Code of Soil and Core sample testing methods.
- Evaluation of Z-Score and Measurement Uncertainty.
- Laboratory data interpretation & plotting.
- To Develop the laboratory activities impartiality, confidentiality, integrity, environmental conditions, Calibration & intermediate checks.

AREA OF INTEREST

- Soil Mechanics and Foundation Engineering.
- Rock Mechanics.
- RE Wall design & Global stability.
- Safe Bearing Capacity Calculations

WORK EXPERIENCE

Earthcon System (India) Pvt. Ltd. **Aug-2019 — Now**
Design Engineer

- Design of RE Wall by Soil Reinforcing material Geogrids.
- Design Optimisation.
- SBC Calculation & Ground Improvement.
- Geotechnical Investigation of Sub-Soil Exploration & Assessment of Geotechnical data.
- Preparation of detailed SBC report with Ground Improving material.
- Global Stability analysis by Geo5, MSEW 3.0 Software.
- Geotechnical Investigation Planning and Management.

- As a Geotechnical Engineer responsibility include Preparation of Geotechnical investigation report with foundation recommendations, Bore log preparation, plotting of Laboratory interpretation results & technical proposal.
- Organizing/Participating in NABL Quality Control activity like internal laboratory Calibration, Proficiency test, Replicate & Retesting Proficiency testing or inter-Laboratory comparisons for Soil and Rock samples time to time.
- Evaluating different types of mechanical analysis of soil and rock as the laboratory as per international standard.
- Analysis of Soil Lab testing parameter & Overall project management.
- Design of Safe Bearing Capacity of Open/Raft Foundation, Pile Capacity.
- Brief description of liquefaction and Settlement of Soil and prepare a Laboratory test report of Tri-axial, Direct shear, Grain size distribution, Atterberg Limit & many more other Soil parameter.
- Detail explanation of Rock Core sample and Perform Lab Testing of Rock sample, Porosity, Density, Specific gravity, Water Absorption, UCS, Core Recovery and Point Load test etc.

Techpro Engineers Pvt. Ltd.**Aug. 2017 — Jan 2018**

Geotechnical Engineer

- Preparation of Detail Geotechnical investigation reports which include field test reports well as analysis reports.
- Implementation of lab test reports for soil and rock samples, ensuring compliance of Laboratory with NABL test procedures and practices.
- Have conducted training sessions on Bearing capacity and Uncertainty Calculation for training of junior staff.

**TOOLS AND
TECHNOLOGY**

- Stadd Pro V8i
- Stadd Foundation
- MSEW 3.0, Geo 5
- Auto CAD
- Microsoft tools & Advance Excel

**STRENGTH AND
QUALITIES**

- Dedicated towards assignment allotted, Positive attitude and Hard working.
- Friendly Nature, Good learner and Compatibility with all kind of people.
- Committed Team Player, Hardworking Enthusiastic and Punctual.

**PERSONAL
DETAILS**

- DOB: 4-June -1991
- Father Name: Mr Rajesh Jain
- Mother Name: Mrs. Shobha Jain
- Gender: Male

DECLARATION

I am confident in my ability to work in a team and assure you to give my best. I hereby declare that the information furnished above is true to the best of my knowledge.