

Navdeep Dhiryan

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Career Summary

I have more than 4 years of professional experience in reinforced soil structures (RE wall, RS wall) Gravity Retaining wall, hydraulic structures (bank protection, erosion protection work), River training works and geosynthetic sector.

My numerical modeling experience includes 3D and 2D modeling (using FEM, ANYS fluent, GAMBIT and other similar approaches) of fluids.

Career Objective

I am looking forward to work in an organization which focuses on modern techniques, good work culture and growth opportunities, where I can take up challenging and performance oriented and implement the expertise and experience gained by me to develop complex projects with efficiency and quality.

Education

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| <ul style="list-style-type: none">M.Tech (Master of Technology) | Indian Institute of Technology, Roorkee
2014- 2016

Grade (7.4/10) |
| <ul style="list-style-type: none">B.Tech (Bachelor of Technology) | Govind Ballabh Pant Government Engineering college, Pauri
2009-2013

Grade (7.2/10) |

Current Job Profile

- Receive information from various Sales and BD teams for projects and study and finalize the solution to be offered for reinforced soil structures, hydraulic structures, ground improvement and geosynthetic sector.
- Coordination of design (Hand Calculations & Softwares) and drafting activities for projects as per the applicable standards and Checking of designs and drawings before delivery to the client to ensure quality & standards.
- Marketing and promotional activities for the sectors.
- Project monitoring/Site visits.
- ISO Folder Preparation for external/Internal Audit.

Industrial Experience

- **Maccaferri Environmental Solutions Pvt. Ltd.** July 2016 – June 2019
Position: Senior Engineer
- **Flexituff Ventures International Limited.** June 2019- Present
Position: Deputy Manager

Additional Job-related Trainings

- Workshop on Ground Improvement works Using Geosynthetics (IIT), ROORKEE.
- Presented various Presentation on Various departments e.g. CPWD, PWD, NHAI, BRO, NFR, SER, Water Resource department.
- Support in Drafting an IRC FLOOD GUIDELINES.

Notable Assignments/Projects

- River bank protection works at Srerampore.
 - Detailed Design
 - Location : West Bengal, India
 - Client: Alcove Pvt. Ltd.
 - Position : Senior Engineer
 - Activities Performed: ***Designed mechanically stabilized earth wall for Ghat and Jetty for New Kolkata Residence building.***
- River Bank Protection work at Kameng, Tenga, and Arunachal Pradesh.
 - Detailed Design Consultancy
 - Location : A.P, India
 - Client : ***MES***
 - Position : Senior Engineer
 - Activities Performed: ***Designed Gabion Gravity wall and Launching Apron.***
- Road Retention for 4-lane road from Lumding to Maibong of NH54E, Assam
 - Detail Design Consultancy
 - Location: Assam, India
 - Client : ***NHAI***
 - Position : Senior Engineer
 - Activities Performed: ***Designed Reinforced Earth wall.***

- Slope Retention Work at Jorhat CPWD Headquarter, Guwahati.
 - Detailed Design Consultancy
 - Location : Assam, India
 - Client : **CPWD**
 - Position: Senior Engineer.
 - Activities Performed: ***Designed mechanically stabilized earth wall.***

- Reinforced Earth wall at Jiribam, Manipur
 - Detailed Design Consultancy
 - Location : Manipur, India
 - Client: ***Northeast Frontier railway (NFR)***
 - Activities Performed: ***Designed Back to Back RE wall for the laying of railway Track.***

- Construction of Retaining wall for the new incoming petrol pump at Solan, Himachal Pradesh
 - Detail Design Consultancy
 - Location: Himachal Pradesh, India
 - Client : **IOCL**
 - Position : Deputy Manager
 - Activities Performed: ***Designed Gravity Retaining wall.***

- Construction of RE wall for Road retention wall from Singtam – Dikchu, Sikkim.
 - Detail Design Consultancy
 - Location: Sikkim, India
 - Client : **BRO**
 - Position : Senior Engineer
 - Activities Performed: ***Designed 28m Reinforced Earth wall.***

Skills

- **Software Packages:** AutoCad, Rocscience Slide. Ansys Fluent, Gambit, Draftsight
- **Languages:** English (Fluent), Hindi (Mother Tongue).

I hereby authorize the handling of personal information in accordance to my Knowledge

Navdeep Dhiryan

Roorkee, India

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