

## Job Objective

*Leading a team that sets a benchmark for consistently achieving what we target at. Building not only carrier but building thing to serve my nation.*

## Work Experience

### TechFab India Industries Ltd. – Design Engineer

(Feb'2014 – Present)

- Design of RE Walls as per standards (BS 8006:2010, IRC: SP-102, AASHTO/FHWA).
- Interaction with clients for data collection useful for designs, start-up of drawings.
- Planning, execution & submission of design and drawing.
- Design analysis of Reinforced/Unreinforced Soil slope.
- Design of Gabion wall (as per the site conditions).
- Settlement and bearing capacity analysis for ground improvement, RE Wall, RS Slope.
- Analysis of laboratory test results.
- Ground improvement (PVD Design).
- Preparation of technical reports, case studies, checking & drafting of drawings on AutoCAD.

### DBM Geotechnics Pvt. Ltd. – Geotechnical Engineer

(Dec'2013 – Feb'2014)

- Report preparation based on geotechnical investigation data (conducted laboratory experiments).
- Factual soil investigation report, Foundation recommendations.
- Design of foundation including settlement, bearing capacity analysis etc.
- Preparation of technical reports, site visits, planning & its execution.
- Direct co-ordination with clients like NPCIL etc. regarding scheduling & planning of experiments.
- Interpretation of soil borehole data (CPT, SPT, PLT).

## Skills

**Software:** MSEW, ReSSA, Geoslope, Slide.

**Tools :** Microsoft Word, Excel, PowerPoint, AutoCAD.

## Education

Faculty of Technology and Engineering (MSU Vadodara) - B.E. Civil Engineering

Faculty of Technology and Engineering (MSU Vadodara) - M.E. (Geotech)

- ME dissertation topic “**Estimation of skin friction for rock socketed micro piles**”

## Achievement & Extra-Curricular Activities

- **Publication :**
  - “Ultimate Pullout Resistance Estimation of Rock Socketed Micro piles”, **Pile-2013, Indonesia.**
  - “Estimation of skin friction for rock Socketed Micro piles”, **IGC-2013, IIT Roorkee**
  - “Estimation of ultimate side resistance for bored pile Socketed in rock in India”  
**ASCE Geo Congress-2014** - Abstract accepted.
  - “Significant Criteria for Geogrid Reinforced Soil Walls”, **International Symposium, IGS-India Chapter 2015**
- Awarded - Gold Medal in Masters.
- Member of INDUSTRIAL HEADSET PROGRAM Sponsored by NEILSOFT & NASSCOM, having Session with **Dr. A.P.J. ABDUL KALAM** & Kirin Karnik and visited Sardar Sarovar Dam.
- Volunteer & Team Member of Organising Committee of “**International Seminar on Buddhist Heritage**” in **year 2010.**
- Participated in various technical fest, national seminars and conferences on advancement of GeoTechnical Engineering.
- Work as a Volunteer in Prerna-08 and Paramarsh-08 and as an Organiser in Prerna -09.

## Personal Particulars

**Date of Birth :** 3<sup>rd</sup> August 1988

**Languages :** Hindi, English, Gujarati, Marathi (understand)

**Marital Status :** Single