

### **CAREER OBJECTIVE**

Looking for a career opportunity in field of Structural Engineering wherein my knowledge and experience will enhance along with the growth of the company.

### **EDUCATIONAL QUALIFICATION**

**Illinois Institute of Technology, Chicago, Illinois (Jan 2015 - June 2016)**

Master of Structural Engineering (GPA 3.67)

**Maharashtra Institute of Technology, Pune University, India (Aug 2010 - May 2014)**

Bachelor of Civil Engineering (First Class with Distinction)

### **TECHNICAL SKILLS**

- Steel Design & Analysis
- Concrete Design & Analysis
- Timber & Masonry Design
- Structural Design & Analysis: Staad Pro V8i, SAP 2000
- Scheduling, Planning & Managing: Primavera P6
- Estimation and Drafting: Bluebeam Revu, AutoCAD.
- Finite Element Analysis: Abaqus, Hypermesh, COMSOL
- Building Information Modelling: REVIT
- C++, MS Office

### **RELEVANT COURSE WORK**

- Advanced Steel & Composite Structures
- Advanced Reinforced Concrete
- Prestressed Concrete
- Advanced Structural Analysis
- Seismic Design
- Design of Masonry & Timber Structures
- Finite Element Methods in Engineering
- Math Methods for Structural Engineering
- Homeland Security Concerns
- Construction Equipment Management

### **EXPERIENCE**

**Chicago Ornamental Iron, Chicago (July 2015 – Feb 2016)**

Intern

- Assisted in structural evaluation, analysis and/or design of structural elements of existing or new architectural and industrial buildings.
- Assisted with structural drafting project/shop drawings in AutoCAD and developing engineering cost estimates and reports.
- Projects: Navy Pier and Chicago Riverwalk – City of Chicago

**Ganga Homes, Mumbai, India (June 2013 - Dec 2014)**

Civil Engineer

- Handled complete Site Execution for 2 projects with site supervisor. Ganga Darshan & Ganga Ganesh.
- Rechecked approved design before execution.
- Assisted in development and maintenance of Project Schedules, Inventory and Quality Control.
- Projects: Ganga Darshan & Ganga Ganesh – Premium Residential Building

### **CERTIFICATIONS**

**Engineer in Training, NCEES, (March 2016)**

**Staad Pro, Primavera P6, CADD Centre (Oct 2014)**

### **PROJECTS AND RESEARCH**

- 3D Micromechanical modelling of corrosion fatigue of steel rebar in bridge deck using COMSOL.
- Elastic and Inelastic Seismic response of buildings with Damping system.
- Redevelopment of a 125 MLD Sewage Treatment Plant to a 250 MLD STP with cost benefit Analysis.