

HARSH SUREKA

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Objective

To make a position for myself in the construction industry concentrating in structural design of buildings & retain a strong grasp of engineering fundamentals and critical thinking skills to consistently and successfully apply Structural Engineering principles.

Experience

INTERN | Mopa International Airport, Goa | Company – Wet Infra Engineering

- Computer aided analysis and design of apron of airport.
- Study the hydrological analysis and elaborate hydrological interpretation using computer software to achieve efficiency in calculations.
- Developing the hydraulic model using StormCAD.
- Modelling and analyse the Apron drain using STAAD PRO software.
- Designing structural elements to withstand maximum bending moment and shear force.

ASSISTANT TO PROJECT MANAGER | Mixed Use Development |
Company - Agrawal Builders, India

- Prepared quantity and cost estimates of structural drawings and generating bill of quantities.
- Compared monthly schedules for the projects and prepared progress reports.
- Verified construction documents and drawings with as built to carry out an accuracy check.
- Inventory Procurement & Management – Monitored the work flow of material right from placing order, its arrival on site to storage and disbursement.

Project Report | Diagrid Structural System

- Module.
- Structural Action.
- Patterns.

Case Study | CCTV HEADQUARTERS, CHINA

- Problems and Challenges.
- Construction Sequencing.

Education

Bachelors in Civil Engineering | MITCOE, PUNE | CGPA **8.9**

HSC | RLT, AKOLA | **88.15%**

SSC | MOUNT CARMEL SECONDARY & HIGHER SECONDARY SCHOOL, AKOLA | **97.20%**

Technical Skills

AutoCAD | StormCAD | STAAD.Pro | MS-Office

Leadership Experience

HEAD ORGANIZER | TESLA - National Level Civil Engineering Technical Event

- Organized and led a two-day event consisting of 8 technical competitions, guest lectures and workshops attracting a crowd of about 800 aspiring Civil Engineers budgeted at around \$ 8000.

Debate Event Head | MIT CREON'18 (Literature and Arts Event)