

RISHI SHAH

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EDUCATION

Veermata Jijabai Technological Institute, Mumbai

August 2018 - Present

Master in Technology

Department of Structural Engineering

Maharashtra Institute of Technology, Pune

July 2013 - June 2017

Bachelor of Engineering, Civil.

Overall Percentage: 68.14

TECHNICAL SKILLS

Programming Languages: Javascript, Typescript, Python

Framework: Angular, D3, Rxjs

Test Automation: Test driven development

Design Patterns: MVC, MVVM

WORK EXPERIENCE

SJ Contracts, Pune

June 2016

Site Engineer

- On-site internship under this leading construction company. Learned and implemented various aspects such as quantity estimation, labour management and safety precautions.

PROJECTS

Dynamic Analysis of Buckling Restrained Braces

The project aims at designing and fabrication of two Buckling Restrained Braces which were analyzed under dynamic loading. As alternative for conventional braces, these BRBs are also beneficial for seismic retro-fitting in RCC and steel structures.

Indirect Model Analysis of Structures

Presented a Seminar on Indirect Model Analysis, explaining the method to compute response of Prototype from the Influence lines obtained from Model. Use of Muller Breslau Principle in Indirect Model Analysis and the Similitude between prototype and model.

Microtunneling

Presented a seminar on Micro Tunneling, explaining its advantages over conventional method of drainage laying systems. Analysis considering direct and indirect cost of micro tunneling was also discussed.