

# JUSTIN L. ESPIRITU

Developer    Software Engineer

## EDUCATION

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**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

## CARRIER OBJECTIVE

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To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

## PROJECTS

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### **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.

## TECHNICAL STRENGTHS

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**Modeling and Analysis  
Software & Tools**

AutoCad, Revit, StaadPro  
MS Office, Latex

## WORK EXPERIENCE

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**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.

## ACADEMIC ACHIEVEMENTS

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Runners up in B.G.Shirke Vidyarthi Competition for Innovative Project organized by Pune Construction Engineering Research Foundation in January 2018

Won First Prize in Model Making Competition Organized by Symbiosis Institute of Technology, Pune.

## **EXTRA-CIRRICULAR**

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Co-Organized “ Nirmitee 2017” - a National Symposium of Civil Department of MIT, Pune

Attended a workshop on Autodesk Revit at IIT Bombay in 2014.

Winner of Inter Departmental Football Competition 2015.

Member of the Rotaract Club Of Pune Pride from 2014 to 2017.

Worked for a start-up company Named OUST as a Regional Marketing Manager

## **PERSONAL TRAITS**

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Highly motivated and eager to learn new things.

Strong motivational and leadership skills.

Ability to work as an individual as well as in group.