

Darshan Sapaliga

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OBJECTIVE: Seeking Software Developer intern position

EDUCATION:

Master's in Software Engineering, San Jose State University, San Jose, CA
Bachelor of Engineering (Information Technologies) - University of Mumbai, India.

Fall 2016 – Expected Spring 2018
Fall 2011 - Spring 2015

TECHNICAL SKILLS:

Languages: HTML5, CSS3, JavaScript, NodeJS, AngularJS, JQuery, Java
Libraries and Tools: ExpressJS, mongoose, Rabbit-MQ, Passport, bootstrap
Databases: SQL, MongoDB
Collaboration tools: Git, Github, Waffle-IO, Scrum, Kanban
Testing: Mocha, Chai, JMeter
Cloud Technologies: Heroku, IBM Bluemix, AWS

WORK EXPERIENCE:

Full Stack Web Developer – Bit Brothers, Mumbai, India

Nov 2015-July 2016

- Built RESTful web services using MVC architecture style.
- Developed an end-to-end admin panel system for <http://www.foodees.in/> using RESTful web services
- Developed back end servers in integration with the company's back-end team

ACADEMIC PROJECTS

Ebay prototype (<https://goo.gl/ZQKAzh>)

SJSU FALL 2016

- Designed an online marketplace where users can buy, sell or auction products displayed by other users.
- Analyzed performance by testing on the application with and without Rabbit-MQ to analyze performance impact.
- **Technology stack:** HTML, CSS, Bootstrap, NodeJS, AngularJS, MySQL, MongoDB, Express, Rabbit-MQ, Mocha, JMeter.

Airbnb prototype (<https://goo.gl/mk55aP>)

SJSU FALL 2016

- Designed an end-to-end online marketplace where the users can host their residential properties on rent or users can rent residential properties listed by other users. Seller can also be the customer and rent properties.
- Improved response time by 20% using RabbitMQ, connection pooling and Redis Caching.
- **Technology stack:** HTML, CSS, Bootstrap, NodeJS, AngularJS, MySQL, MongoDB, Express, Rabbit-MQ, Mocha, JMeter

2D Game using Software Design Patterns (<https://goo.gl/Xi7wlt>)

SJSU FALL 2016

- Developed a multiplayer cipher decoding quiz game following Agile methodology – Scrum and Kanban.
- Hosted the game on AWS with Docker hub.
- **Technology Stack:** Greenfoot, Java, AWS, Docker

Data Analytics: AgroAI (<https://goo.gl/Hf5a2s>)

SJSU FALL 2016

- Developed machine learning models for answering farmer's questions based on the soil health data provided by United State Department of Agriculture.
- Hosted on IBM Bluemix.
- **Technology Stack:** Python-flask, Pandas, IBM Bluemix, Bootstrap.

Cognitive Web (<https://goo.gl/dqwS19>)

MUMBAI UNIV. SPRING 2015

- Using a combination of human opinions and machine learning, Cognitive Web presents registered users with only websites that have been suggested by other like-minded users. It helps the user to discover interesting websites quickly on the Internet.
- Database included large number of websites and Implemented opinion mining to keep a track of user reviews and thereby sorted website list based on their rank.
- **Technology Stack:** HTML, CSS, Bootstrap, JavaScript, MySQL, PHP

TECHNICAL PAPERS:

Cognitive Web (Academic Project)

MUMBAI UNIV. SPRING 2015

- International Journal of Current Engineering and Technology, Vol.5, No.1(Feb-2015) – <https://goo.gl/1YRlf4>