

Darshan Sapaliga

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OBJECTIVE: Seeking Software Developer intern opportunities

EDUCATION:

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

August 2016 – May 2018(Expected)
August 2011 – May 2015

TECHNICAL SKILLS:

Web Technologies:	Node.js , Angular.js, JavaScript , HTML, CSS	Databases:	MongoDB, MySQL
Web Technologies:	Spring MVC framework , RabbitMQ	Libraries:	Express.js, Bootstrap, Passport.js, JQuery
Cloud Technologies:	IBM Bluemix, AWS, Heroku, Docker	Libraries:	Mongoose, Minify.js, HighCharts, bower
Collaboration tools:	GitHub, Waffle-IO, Scrum, Kanban	Testing:	JMeter, Chai, Mocha, Postman
Languages:	Java, Python(Beginner)	Other:	XML, JSON, REST, AJAX, UML, PHP

PROFESSIONAL EXPERIENCE:

Bit Brothers: **Full Stack Web Developer** **Nov 2015-July 2016**

Worked on all phases of development of development, maintenance, upgradation of Enterprise applications using cutting-edge technologies on client demand. Built **REST APIs** using **MVC** architecture style.

Responsibilities and Accomplishments:

- Developed an end-to-end **admin panel system** for <http://www.foodees.in/> using **RESTful** APIs. Achieved **full client satisfaction** with the end-product.
- Coordinated with the development team on implementation of various Enterprise applications.
- Worked in **fast-paced** environment, assumed **ownership** for certain applications/services, performed updates on Enterprise applications with respect to newer demands from clients.

ACADEMIC PROJECTS:

eBay prototype <https://goo.gl/ZQKAzh> **Aug'16-Sept'16**

- 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, **Node.js**, Angular.js, MongoDB, Express, Rabbit-MQ, Mocha, JMeter.

Airbnb prototype <https://goo.gl/mk55aP> **Sept'16-Dec'16**

- 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, **Node.js**, Angular.js, MySQL, MongoDB, Express, Rabbit-MQ, Mocha, JMeter.

Cognitive Web <https://goo.gl/dqwS19> **Dec'14-March'15**

- Using a combination of human opinions and machine learning, Cognitive Web helps the user to discover interesting websites quickly on the Internet suggested by other like-minded users.
- 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.

Airline Reservation <https://goo.gl/Ld1R4X> **April'16**

- Built a REST API to implement airline reservation system through create, get, update, delete using **Spring framework**.
- Passenger can make one or more reservations. Reservation entity consisted of one more flights. Flights consisted of one or more passengers. Implemented ORM one-to-one, one-to-many and many-to-many mapping.
- Implemented JPA for persistence, all operations were transactional.
- Technology Stack:** Java, **Spring boot**, JPA for persistence, AWS EC2.

Break the code (2D Game) <https://goo.gl/Xi7wlt> **Aug'16-Dec'16**

- Developed a multiplayer cipher decoding quiz game using **Software Design Patterns** following **Agile methodology** – Scrum and Kanban(Waffle-IO).
- Technology Stack:** Greenfoot, Java, AWS, Docker.

TECHNICAL PAPERS:

Cognitive Web **Feb'14-March'15**

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