

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**

Developed, maintained, upgraded Enterprise applications using cutting-edge technologies on client demand. Built **REST APIs** using **MVC** architecture style.

Responsibilities and Accomplishments:

- Maintained and performed updates on Enterprise applications to new demands from customers.
- 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.

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.

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).
- Hosted the game on AWS with Docker hub to better enable multiplayer accessibility.
- **Technology Stack:** Greenfoot, Java, AWS, Docker.

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.

LinkedIn Prototype <http://54.245.195.144:8080/> **May'17**

- Developed a job portal system for companies to post jobs and jobseekers to search and apply for jobs.
- Implemented email messaging on signup, job application status change, etc.
- **Technology stack:** Java, **Spring boot**, Bootstrap, Redis, **Angular.js**, Amazon S3, MySQL, JavaScript, AWS Bean Stalk.

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>