

Darshan Sapaliga

San Jose, CA 95112 | (669) 265-5188

darshansapaliga009@gmail.com | [in/darshan009](https://in.linkedin.com/in/darshan009) | [Git/darshan009](https://git.com/darshan009) | darshansapaliga.me | [HackerRank/darshan009](https://HackerRank.com/darshan009)

SUMMARY: Software Engineer with hands-on experience in all phases of software development life cycle, ability to work in a fast-paced environment and offering strong background in programming fundamentals.

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, HTML, CSS	Databases:	MongoDB, MySQL , Cassandra
Web Technologies:	Spring 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, Junit , Chai, Mocha, Postman
Languages:	JavaScript, Java , Python(Beginner), PHP	Other:	XML, JSON, REST , AJAX, UML, PHP, log4j

PROFESSIONAL EXPERIENCE:

SJSU Management Information Systems Association **JEE Intern** **Aug 2017-Present**

- Collaborated with the development team on an ongoing Java **Spring** project.
- Integrated spring security with **Okta login** and SAML Credentials.
- **Improved overall security** and added enhanced validations and exception handling in the project.

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

Worked on all phases of software development life cycle in Enterprise-level 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:

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, RabbitMQ, Mocha, JMeter.

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, **Node.js, Angular.js**, MongoDB, Express, RabbitMQ, Mocha, JMeter.

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.
- **Effectively built search function** for job searches based on multiple parameters and constraints.

Technology stack: Java, Spring boot, Bootstrap, Redis, Angular.js, **Amazon S3**, MySQL, JavaScript, **AWS Bean Stalk**.

TECHNICAL PAPER: Cognitive Web <https://goo.gl/1YRlf4> **Feb'14-March'15**

- International Journal of Current Engineering and Technology, Vol.5, No.1(Feb-2015).