Darshan Sapaliga
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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 – GPA: 3.16 — Aug 2016 – May 2018(Expected)
Bachelor of Engineering (Information Technologies) - University of Mumbai, India - GPA: 3.4 — Aug 2011 – May 2015

COURSEWORK:

Data structures and algorithms, Object Oriented programming, MEAN stack, Software design patterns, Spring framework, Specialization in Enterprise Software Technologies, Agile and Scrum methodologies

TECHNICAL SKILLS:

Web Technologies:	Node.js, Angular.js, HTML, CSS	Databases:	MongoDB, MySQL
Web Technologies:	Spring framework, RabbitMQ, Thymeleaf	Libraries:	Express.js, Bootstrap, Passport.js, JQuery
Cloud Technologies:	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	Other:	XML, JSON, REST, AJAX, UML, log4j

PROFESSIONAL EXPERIENCE:

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

- Collaborated with the development team on an ongoing Java Spring project using Oracle database.
- Integrated spring security with Okta login and SAMLCredentials.
- Improved overall security and added enhanced validations and exception handling in the project.

Bit Brothers — **Full Stack 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 client 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:

1. Airbnb prototype — https://goo.gl/mk55aP — Sept 2016-Dec 2016
   - Technology stack: HTML, CSS, Bootstrap, Node.js, Angular.js, MySQL, MongoDB, Express, RabbitMQ, Mocha, JMeter.
   - 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.
2. Ebay prototype — https://goo.gl/ZQKAzh — Aug 2016-Sept 2016
   - Technology stack: HTML, CSS, Bootstrap, Node.js, Angular.js, MongoDB, Express, RabbitMQ, Mocha, JMeter.
   - 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.
3. Airline Reservation — https://goo.gl/Ld1R4X — April 2016
   - Technology Stack: Java, Spring boot, JPA for persistence, AWS EC2.
   - Built a REST API to implement an airline reservation system using Spring framework.
   - Implemented JPA for persistence, ORM for one-to-one, one-to-many and many-to-many mapping, all operations were transactional.
4. LinkedIn Prototype — http://54.245.195.144:8080/ — May 2017
   - Technology stack: Java, Spring boot, Bootstrap, Redis, Angular.js, Amazon S3, MySQL, JavaScript, AWS Bean Stalk.
   - 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.

TECHNICAL PAPER: Cognitive Web — https://goo.gl/1YRlf4 — Feb 2014-March 2015

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