Sree Harsha Mamilla

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Professional Summary

- Over 2 plus years of professional experience designing, developing, testing and deploying web applications
- Experience in developing large scale distributed applications with Spring, Spring Boot, Angular, Cassandra, and Rabbit MQ
- Extensive experience in building UI web applications in HTML, CSS, SCSS, JavaScript, Angularjs, Angular, and Bootstrap
- Experience in developing RESTful API with Spring Boot, JAX-RS and securing them with JWT, OAuth2
- Worked in teams which evangelize test driven development and automated testing
- Experience working with testing frameworks like JUnit, Jasmine, Cumber-JVM, and JBehave
- Demonstrated ability to write clean, readable, reliable, testable and optimized code
- Scripted Jenkins DSL jobs, and chef cookbooks to automate continuous deployment of UI portals and REST APIs
- Participated in scrum activities like daily standups, backlog grooming, planning, code reviews, and retrospectives

Experience

Software Developer at VSP Vision Care, Sacramento CA   Mar 2017 – Present

- Currently working on a portal used by sales to generate insurance quotes for clients [Angularjs, JAX-RS, JasperReports]
- Built an android application POC for VSP members, which lets them check their vision care eligibility and promotions [Android]
- Also integrated Google's augmented reality framework ARCore in the application to visualize eyewear sold at the doctor's office
- Was a member of a team that worked on re-writing a legacy portal and built supporting RESTful APIs [Angular, Spring Boot]
- Designed and developed frictionless workflows by working with end users, and pinpointing the pain points in the legacy portal
- Integrated google analytics to the portal to capture insights and exceptions
- Experience working with Angular, Spring, Cassandra, JUnit, Cucumber, Jasmine, Jenkins DSL, Splunk, and Chef

Software Developer Intern at VSP Vision Care, Sacramento CA   May 2016 – Dec 2016

- Built and shipped an internal web tool that facilities QA and automation engineers to manage, coordinate test data
- Increased the developers productivity time of by reducing the bottleneck of vetting data for tests [Angularjs, JAX-RS]
- Experience working with JAX-RS, Angularjs, JUnit, JBehave, Jenkins, Git, Splunk and Chef

Java Intern at Dun & Bradstreet, Malibu CA   Sept 2015 – Dec 2015

- Primarily worked on fixing bugs in the customer care portal, adding integration tests and worked with DBA's to optimize timed-out SQL queries [Spring Web Flow]
- Experience working with Spring, Spring Web flow, Hibernate, and Git in an agile development environment

Technical Skills

Java, JavaScript, TypeScript, Node.js, Angular, Android apps(native), MongoDB, Cassandra, SQL, TDD, BDD, JUnit, JBehave, Cucumber, Selenium, Maven, Git, Gradle, Jenkins, Chef, Jira, AWS EC2, S3, Intellij, Android Studio, VS Code

Certifications & Achievements

- Google certified Associate Android Developer
- Team stood 2nd for developing an Android application and deploying web services on Microsoft Azure in 2014 "Modern Entrepreneur" 24 hour Hackathon hosted by the Microsoft, the Department of CS CSUS and the ACM

Academic & Personal Projects

Dog Breed Classifier (CNN)   Feb 2018 – Feb 2016

- Built a convolutional neural network that determines the breed of a dog in an image
- It uses transfer learning from ResNet50 bottle neck features which has been trained on ImageNet data set
  [Python, CNN, Keras, Tensorflow, Numpy, Jupyter]

Hop In   Oct 2015 – Apr 2016

- Developed an event based carpool android application that consumes Node.js RESTful web services
- The application lets user either to posted details about the event with the number of seat available in their car or lets them to search events and if interested, ask the event creator for a lift/hitch a ride
  [Java, Android SDK, RxJava, Retrofit, Node.js, Expressjs, MongoDB, Google APIs, JWT and JSON]

Minute Tracker   Nov 2015– Dec 2015

- Developed a web application (MEAN stack) that tracks and categorizes daily tasks of the user
- The application provides the user with a dashboard of the amount time spent on each category
  [Angularjs, Bootstrap, Node.js, MongoDB, Expressjs, D3js, Mongoosejs, JWT and JSON]

Education

Deep Learning Nanodegree • Udacity	Expected Aug 2018
Masters in Computer Science • California State University, Sacramento • GPA: 3.45	Dec 2016
Bachelors in Computer Science • Jawaharlal Nehru Technological University • GPA: 3.4	May 2013