

Komal Suthar

komalsuthar151@gmail.com • <https://www.linkedin.com/in/komal-suthar> • (978)-641 8550

Skills

Programming Languages:	JAVA, Python, Shell Script, Groovy
Web Technologies:	JavaScript, TypeScript, Ember, React, Redux, Angular, HTML5, CSS, Bootstrap, Node.js, AJAX, JSP, Servlets, Webpack ES6, JQuery
Technical Skills:	Spring Boot, REST API, GraphQL, JSON, Unix/Linux, MySQL, PostgreSQL, NoSQL, CI/CD
Tools:	Amazon Web Services, IntelliJ, Git, GitHub, Bitbucket, JIRA, Jenkins, Travis CI, VMware, Visual Studio Code, Postman, Putty, Docker, Selenium

Professional Experience

Software Developer (Volunteer) Oct 2020- Current
Squark Seer, Burlington, MA

- Squark is a SaaS platform for no-code predictive analytics that makes programmatic AI prediction simple
- Contributing my knowledge of spring boot, REST API, and UI design to add the connectors like HubSpot to squark software

Software Engineer Feb 2020- Sept 2020
RSA Security, Bedford, MA

- Contributed to RSA NetWitness SIEM tool, for front end development, bug fixes and testing
- Designed dynamic driven UI components, using JSON and form framework that enables easy reuse of components
- Provisioned and configured hardware appliance with sprint builds for testing
- Worked in an Agile-driven environment to effectively maintain project timelines and utilize available resources
- Provided continued maintenance and development of bug fixes and unit tests for existing web applications
- Trained and mentored the interns, with the product functionalities, environment setup, and system workflow

Software Engineer Co-op Jan 2019- Aug 2019
Dell EMC, Bedford, MA

- Performed PSR (Performance, Scalability and Reliability) testing for product to build a metric of CPU and memory utilization, measured 86% of the performance improvement on the product by applying the newly developed services
- Prepared the documents for the product setup and PSR testing environment setup guidelines
- Implemented keyboard navigation and auto scrolling to multiple components using ember to enhance the user experience
- Collaborated with the QE team to find user-focused test cases and created Zephyr tests

Projects

Network Structure and Cloud Computing (Amazon Web Services) Dec 2018

- Designed and built fault-tolerant web application, hosted on the cloud computing platform by configuring Load Balancer, Auto Scaling, and CloudWatch Alarms, SNS Topic, AWS Lambda
- Crafted cloud formation scripts for AWS, configuring resources at runtime, and load performance testing using JMeter
- Implemented continuous delivery using GitHub, Travis CI, gained an understanding of DevOps and Site Reliability

Web Design and User Experience Apr 2018

- Developed a solution for hassle-free investing in stocks and digital currencies
- REST API design with services, backend using Node.js, MongoDB and, Pub-Sub Model
- Stock API for retrieving raw stock data and parsing them and displaying Graphs using Chart.js
- Designed the UI of the application using Angular material design thus improving the overall appearance and UX

Application Engineering and Development Dec 2017

- Fully functional Enterprise application that provides medical machines on loan to the users using Java
- The application contained various machine categories, purchase-delivery confirmation, periodic billing notifications
- Leveraged singleton design patterns, developed the front-end using Swing

UI/UX Apr 2018

- Designed an application wireframe for the stocks and digital currency app, using UI prototyping tool Moqups
- Created different versions for Mobile application and Smart Watch application
- Implemented Selenium tests for the wireframe

Education

Master of Science in Information Systems Dec 2019
Northeastern University, Boston, MA

Bachelor of Engineering in Computer Engineering May 2016
Vishwakarma Engineering College, Ahmedabad, Gujarat