Kavyashree Chandrashekar

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EDUCATION:

Master of Science in Computer Engineering | San Jose State University, California, US   Expected Dec 2020

Web UI development, Data Structures, Enterprise Distributed systems, System Software, Machine Learning, LSA

Bachelor of Engineering in Electrical and Electronics Engineering | VTU, India   May 2014

Operating system, Microprocessors, Transmission and Distribution, Linear Integrated Circuits, CPP

TECHNICAL SKILLS:

Programming Languages:	Java,Python, C, C++, JavaScript, SQL.
Web Technologies:	Node.js, React, Redux, REST Web Services, HTML5, CSS, AJAX, jQuery, Angular.js, Bootstrap.
Databases:	MySQL, MongoDB, Oracle, Redis
Tools and Software:	Eclipse, Jira, Git, IntelliJ, Anaconda,Jmeter, Postman, Visual Studio
Operating Systems:	Linux, Windows, Mac OS
Others	Apache Kafka, Zookeeper, Docker, Mocha, JUnit, TestNg, Selenium, Postman

WORK EXPERIENCE:

Research Intern   Vitalxchange, Cleveland, Ohio   May 2020 - Present

Technologies used: JavaScript, Appium, Webdriverio, React Native, React, Rest API, Selenium, Jira, Git
- Developing mobile app using react native
- Developing test automation scripts for mobile app using **cucumber** and **appium**

Teaching Assistant   Data Structures, San Jose State University   Aug 2019 - Dec 2019
- Mentored undergraduate students with **Data Structures**, **C++,** and evaluated assignments

QA Engineer   PowerSchool India Ltd, Bengaluru, India   Apr 2017 - Dec 2018

Technologies used: Java, Selenium, Jira, Git
- Created detailed, comprehensive, well structured test plans and test cases
- Designed, developed and executed automation scripts using Selenium and **Java**
- Worked with team in all stages of **agile development** environment to ensure quality deliverables

Systems Engineer   Infosys Ltd, Bengaluru, India   Jun 2014 - Apr 2017

Technologies used: Java, Angular Js, Node Js, Mysql, Oracle, MongoDB, Bootstrap, Selenium
- Built the web application using **AngularJs**, **Node Js**, **MongoDb**, **Bootstrap** and **Java**
- Developed automation framework using **Java** and Selenium along with **JUnit** and Apache POI
- Developed Desktop applications using Java and **Swing**

COURSE PROJECTS:

Twitter Prototype   (Node.js |React | Redux | HTML5 | CSS3 | MongoDB | Rest API| MySql | Kafka | AWS | JWT | Kafka| Redis)
- Built twitter prototype to simulate most of its features using **React** and **Express** JS
- Search Page, **Pagination**, Modals, **Graphs**, **chat box** components are implemented
- **Rest api calls** are designed using express and Node Js
- Distributed systems is designed with **Apache kafka** and **AWS, Redis Cache** is used to improve performance

Grubhub Prototype   (React Redux | Node.js |Rest API| Docker | AWS EC2 | Kafka | JavaScript |MySql)
- Implemented grubhub prototype using React Redux and NodeJs, deployed on AWS EC2 using **Docker**
- UI is unit tested with **enzyme** and rest api are tested with **Mocha** and **Jmeter**

Spartan AI Parking System   (Python | Open CV | Open ALPR | Dlib | React | Express | Rest API)
- Developed a **dynamic price calculation** web application for the spartan parking
- Parking slot booking, dynamic price calculating using single surveillance camera and online payment options

Restaurant Recommendation System   (Python | Spark | Pandas)
- Created Restaurant recommendation system using collaborative filtering, SVD, cosine similarity
- Yelp Dataset are used for training and Spark is used for data computation

Graffiti Sniffer   (Python | TensorFlow | ML)
- Faster RCNN inception V2 Model is applied to extract the text and different kind of images from the graffiti
- Tensorflow object detection api is used for object detection and background detection
- 82% accuracy achieved in text detection and background detection