EMail: kadamakash75@gmail.com

Mobile: +1(480)-335-6226

AKASH KADAM

LinkedIn: akashkadam

GitHub: akashkadam

Education

● Currently pursuing Master in Software Engineering at Arizona State University.	Aug 2018 - May 2020
● B.Tech. Computer Engineering, COEP Pune University, India.GPA : 7.14/10.	June 2016 - May 2015

Professional Experience

Quality Engineer Intern | Pandora Media   **June 2019 – Aug 2019**

Project Title: Voice Automation Framework

- Setup workflow to automate testing of Pandora Voice Mode,Alexa and other voice devices using different accents,gender,pitch,background sound,and other parameters which can be used to analyse and reduce current 40% no result response and failure scenarios.
- **Environment and Technologies**: Java,Junit,Appium,SpringBoot,RESTful Web Service,Google APIs,Houndify APIs.

Software Engineer | Vuclip India Pvt. Ltd. Pune India.   **April 2016 – June 2018**

Project Title: Unified Billing Service.

- Designed and developed 2 auto scalable, zero downtime microservice in the ecosystem using RESTful Web service. Activation/Deactivation service and User State management service for different web-based, IOS and Android applications with a consumer base over 90 million users. Facilitated activation and deactivation independent of the request coming from different products.
- Optimized inter-communication between services in the ecosystem by implementing Hystrix circuit breaker. Implemented client-side load balancing(Ribbon) for the service over GCP. Improved access time of configurations using Hazelcast Caching. Implemented RabbitMQ strategy for event based communication between different microservices.
- **Environment and Technologies**: Spring Boot(JAVA), Hibernate,RESTful Web Service, MySQL 5.x, Google Cloud,Docker containers, Kubernetes, Redis,RabbitMQ, Hazelcast,Git,bitbucket.

Project Title: API Automation Framework/Test Data Framework/DevOps.

- Designed and developed API automation framework for one of the SAAS project using Java,Spring Boot and TestNG to define testing strategy.Reducing manual testing challenges and new deployment time by 50% by executing 500 plus test cases in 10 minutes time.
- Designed and developed test data framework for making data driven testing fast and efficient using Spring Boot,Spring Data JPA and MYSQL.Making the task of adding new test data easy and without any downtime.
- Implemented CI/CD capabilities by defining Jenkins pipeline to automate deployment of Spring Boot SAAS applications using Jenkins,Ansible and Docker.Implemented Build-Test-Deploy strategy that increased the frequency of production deployment from bi-weekly to weekly.
- **Environment and Technologies**: Spring Boot(JAVA), Hibernate,RESTful Web Service, MySQL 5.x, Google Cloud, Docker containers, Kubernetes, Redis, Hazelcast,Git, bitbucket.

Software Engineer Trainee | Vuclip India Pvt. Ltd. Pune India.   **June 2015 – March 2016**

Project Title: Vuclip Billing as a Service.

- Spring based web service application. Developed features on user payment authentications and transactions for subscriptions and renewals for different web based, IOS and Android application products with a consumer base over 90 million users. Increased code coverage to 80%. Performed code reviews, logging implementation and monitoring activities.
- **Environment and Technologies**: Spring Boot(JAVA), Hibernate,RESTful Web Service, MySQL 5.x, Redis, XML,Jenkins, Git,bitbucket.

Academic Project

Decision Theater: Data Science for Social Transformation(Software Developer)   **Feb 2019 - March 2020**

- developing applications for visualizing solutions for complex problems in the area such as health solutions,education.
  Last project: Helios Project   **Decision Theater Home Page**

Project Title: Elastic applications on AWS and GCP   **Spring 2019**

- Implemented auto scalable video surveillance application using deep learning to detect objects in the videos in real time and scaled it successfully to reduce response time on synchronous requests of object detection on AWS EC2.
- Deployed scalable host matching platform developed using Spring Boot,React JS, and Cloud SQL on Google App Engine for students looking for temporary accommodation.

Project Title: Linked Data Visualization for Vulnerability Analysis   **Fall 2018**

- Application to analyze and visualize the information about nonstructural data of software vulnerabilities using ontology concepts and D3.js library.

Skill Set

Technical

- **Language:** Java,Python, C, JavaScript, PHP,HTML, CSS.
- **Frameworks:** Spring & Hibernate,Spring Boot, Django React JS,D3.**RDBMS:** Oracle, MySQL.

- **Tools:** Eclipse, STS, Jenkins, Netbeans, SSH, Selenium, GCP, Tableau.**OS:** Linux Ubuntu,Linux Mint, Windows.