

Software Engineer with 10+ years of experience in software development, applications, API, and automation development. Skilled in Java, Python, Scala, and Bash scripting with solid experience in building distributed infrastructures using cloud technologies. Demonstrated leadership in managing a team of engineers, fostering efficient, quality-driven development workflows.

## SKILLS

Skill

## WORK EXPERIENCE

### ○ Lead Engineer

Apple Inc

10/2022 - Present

Austin Tx

#### Achievements/Tasks

- leading the design and development of a Spark-based pipeline using Java and Scala to validate big data pipelines, supporting batch and streaming processes during the migration of ad platforms to AWS.
- **Managed a complete overhaul/migration** of several primary services to AWS, working directly with Java, Scala, Apache Spark, Kafka, batch, and stream processing
- Managed end-to-end project delivery, including scoping, scheduling, tracking progress, and issue resolution, ensuring alignment with business objectives and stakeholder expectations.
- Conducted regular stakeholder meetings to translate complex business requirements into technical specifications, effectively bridging the gap between business needs and engineering execution.
- Led code and design review sessions, applying rigorous quality standards to ensure efficiency and alignment with best practices, while providing constructive feedback to improve team performance.
- Airflow 2 migration of a multitude of systems - DataDog integration of Spark-based batch systems
- Provided technical leadership and mentoring,\*\* guiding a talented team of engineers to meet and exceed project goals.
- Designed and implemented robust migration frameworks,\*\* ensuring seamless transition of large-scale data processing to AWS, including transition to Amazon Keyspaces.
- Collaborated with cross-functional teams\*\* on one of the world's biggest Ad Serving Platforms, contributing directly to personalized ads generation for all Apple Services on all devices. - \*\*Oversaw the complete lifecycle of migration projects,\*\* from initial planning and development through to testing, deployment, and ongoing support.
- building Parallel Test Stacks for ECS-based micro services using NLB, ALB and header-based routing with Terraform

## WORK EXPERIENCE

### Lead Software Engineer-Infrastructure and tools

Marqeta

10/2021 - 10/2022

#### *Achievements/Tasks*

- Lead development efforts to migrate legacy functional end-to-end test automation currently written in Ruby with over 50k automated tests to Java to streamline testing efforts and improve code reusability among developers and test engineers
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- Involvement with the architecting and development of highly scalable automation solutions using Python and Java to develop automation and tools for large-scale customer-facing microservice applications.
- Involve with defining metrics for infrastructures(CPU, memory, network, and process), analyzing JVM metrics for both production and test environments
- Involve with the containerization of Java-based microservices and building orchestrations toolings to deploy services to Kubernetes clusters
- Writing infrastructure code using Terraform to automate infrastructure provisioning for AWS and Kubernetes clusters to support build, tests, deploy, log monitoring, and alerting systems for both production and test environments.

### Sr Software Engineer-QE and tools

Visa

07/2018 - 10/2021

Denver

#### *Achievements/Tasks*

- Involved with building test frameworks and tools using Java to enable feature developers to write more effective automated tests and achieve high test coverages for microservice applications.
- Involved with the design, development and maintenance of automation solutions for both build, deploy and infrastructures
- Provided hands-on technical expertise throughout the product life cycle including design, implementation, and delivery of scalable build/test/release infrastructure
- Managed business-critical CI/CD, build and deployment automation pipelines with gitlab and Kubernetes
- Monitor availability, latencies, and other key telemetry to proactively identify SLO misses and help mitigate issues
- Transformed CI pipelines and infrastructures to more efficient CI pipelines using Drone CI, terraform, and AWS tools that spin up required application instances and automate the execution of end to end test suites on every code push with the aim to eliminate manual efforts and reduce tests execution time by over 40%
- Contributed to CI process and tools and built automated project release management using Jenkins, Nexus, and Sonarqube for code quality

### Graduate Research Assistant

Prairie View A & M University

09/2016 - 05/2018

Texas

#### *Education*

#### *Achievements/Tasks*

- Conducted research and developed Image analysis and image search engine using python and Open-CV library to find images base on similar color histogram of the datasets.
- Assisted with teaching of python for Sophomores students

## WORK EXPERIENCE

### ○ **Software Engineer** Osprey Zenith Consulting limited

07/2012 - 07/2016

Consulting

Nigeria

#### Achievements/Tasks

- Involved with performance, stress, and API testing for SIM registration and a host of other systems/applications using Apache Jmeter and LoadUI.
- Adopted best practices in performance testing using Jmeter in both GUI and non-GUI mode and distributing performance testing over several machines in order to achieve high concurrent virtual Users.
- Designed automation tests for end to end testing of API functions to ensure web services returned appropriate responses, tested validations for API objects, and ensured content negotiations are handled correctly for all production endpoints
- Developed a data-driven approach to test rest services using serialization and deserialization of Java objects Analyzed business requirements and functional documents, built the Test Strategy document that defines the test environment, phases of testing, entry and exit criteria into different phases of testing and resources required to conduct the effort