**VENKATA VEMIREDDY**

Dallas – Fort Worth Area

**SUMMARY:**

Results-driven Mobile Software Engineer with 6+ years of experience in software development and quality assurance, specializing in designing, developing, and implementing large-scale solutions in production environments. Proven ability to write, test, and document code using languages like Java, Python, and Kotlin, adhering to organizational standards. Expertise in Agile methodologies (SCRUM), DevOps Toolchain methodologies, CI/CD pipelines, and cloud platforms (AWS, Azure). Demonstrated ability to conduct root cause analysis, address systemic issues, and lead action plans. Passionate about exploring emerging technologies, leading prototype development, and incorporating innovative solutions into architectural designs. Seeking to leverage expertise in mobile app performance optimization and meeting security and privacy standards to contribute to a dynamic team.

**EXPERIENCE:**

**Mobile Test Automation Engineer**

Merit American Technologie. 05/2024 - Present

**Responsibilities:**

• Wrote, tested, and documented code, scripts, and processes following organizational standards, leveraging Java and Python expertise.

• Designed integrated systems enabling cross-functional teams to deliver value at scale, speed, and reliability using Azure and cloud data services.

• Conducted root cause analysis to address systemic issues and led action plans to resolve software defects by troubleshooting and debugging code.

• Concisely conveyed ideas verbally, in writing, in code, and in diagrams while preparing test plans and cases using Jira.

**Environment:**

Kubernetes Lens, Azure Blob Storage, Azure app insights, Postman, Insomnia, Jira, Zephyr, Robot Framework, Ride, Snowflake, Mongo DB, Oracle DB, Mongo Studio 3t, Mongo Compass, Swagger, Mulesoft, Firebase, Apple Push Notification Services

**Mobile UI/UX Test Engineer**

MGM Resorts International Inc 08/2022 - 05/2024

**Responsibilities:**

• Optimized mobile app performance by conducting end-to-end UI testing and ensuring responsive behavior across multiple browsers and devices.

• Met security and privacy standards through hands-on experience with browser Inspect Mode and DevTools.

• Optimized system designs by crafting reusable Selenium Page Object Models.

• Shared responsibilities and collaborated with developers and QA engineers to replicate and isolate frontend bugs.

**Environment:**

Selenium, Oracle Customer Care & Billing (CC&B), Oracle SQL Developer, Hammer, QC, JIRA, MS Excel, Espresso, UI Automator, Appium

**Backend Engineer (Mobile Focus)**

QuinStreet 08/2020 - 07/2022

**Responsibilities:**

• Wrote, tested, and documented code for IVR systems, ensuring accurate call flows and backend integrations.

• Solved technical problems and built impactful components/libraries by performing backend validation and executing SQL queries.

• Conducted root cause analysis and addressed systemic issues related to defect management using HP ALM (QC).

• Collaborated with security teams to implement secure practices early in development by working with developers and business analysts.

**Environment:**

IVR Testing, Nuance, Cisco Genesys, Hammer Automation, JIRA, QC, HP ALM, Oracle SQL Developer, Agile, SAFe, RESTful API, JSON, XML

**Associate Mobile Application Developer**

IntelliInfotech 05/2019 - 08/2020

**Responsibilities:**

• Wrote, tested, and documented manual test cases, ensuring software functionality and adherence to business requirements.

• Conducted root cause analysis and addressed systemic issues by identifying, documenting, and tracking software defects using Jira.

• Concisely conveyed ideas and collaborated with cross-functional teams, clarifying requirements and ensuring comprehensive test coverage.

• Collaborated with security teams to implement secure practices early in development by conducting regression, smoke, and sanity testing.

**Environment:**

Selenium, Oracle Customer Care & Billing (CC&B), Oracle SQL Developer, Hammer, QC, JIRA, MS Excel, JUnit, Appium

**SKILLS:**

**• Programming languages:** Java, Python, Kotlin, Swift

**• Frameworks libraries:** Springboot, Jetpack Compose, React JS, React Native

**• Databases:** Oracle SQL, MongoDB, PostgreSQL

**• Devops tools:** Git, Docker, Kubernetes, GitHub, GitHub Actions, Azure DevOps

**• Cloud platforms:** AWS, Azure, Google Cloud Services, Snowflake, Firebase

**• Testing:** Selenium, Robot Framework, Postman, JMeter, Swagger UI, HP ALM (QC), Espresso, UI Automator, JUnit, Appium

**PROJECTS:**

**• User Profile backend application**

Built a web server and APIs for frontend and backend interaction for web application (ruby on rails application). Converted the web application into runnable image file and deployed into cloud platform for hosting the website. Stored and retrieved user data from amazon s3 to display the details for the web application.

Technologies: ruby on rails, RESTful API, JSON, XML

**• Implementing Google Cloud Services to track live temperature**

Tracked real-time temperature using Google Cloud services and IOT devices. Created Cloud run services to pull data from Google Cloud and to post it on user dashboard. Realtime temperature used to control home devices automatically using cloud.

Technologies: Google Cloud Services, IOT, Firebase, Apple Push Notification Services

**EDUCATION:**

**• Master’s in Computer Science**

University of Central Missouri 2023

Field of Study: Computer Science

GPA: 3.5/4

**• Bachelor’s in Computer Science and Engineering**

Sathyabama University 2019

Field of Study: Computer Science and Engineering

GPA: 7.8/10