**JOEL ANDREWS JEYAKUMAR**

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**SUMMARY**

QA Automation Engineer with 2.8 years of expertise in Unit, Component, Integration, E2E and performance testing, contributing to seamless software delivery in the telecommunication, finance and medical sectors. Experienced in Agile methodologies, including Scrum, BDD and TDD

**WORK EXPERIENCE**

**VR DELLA IT SERVICES PVT LTD - QA Automation Tester Aug 2024 - Present**

Proven experience in the medical and finance industries. Overseen and guided 2 junior testers, ensuring streamlined and efficient iteration testing

**Project 1: Voyance ECG**

Voyance ECG allows users to conveniently take ECG reports from the comfort of their own location, hassle-free.

· Developed a mobile automation framework from scratch using Appium and Java, reducing regression testing time by 60%

. Created and managed testcases as per Iterations

. Led the development and execution of regression testing for every PI sprint iteration · Proposed 50+ UX enhancements, improving user satisfaction

. Validated AI-generated results using sample report data for accuracy and reliability

**Project 2: ValianttInfo**

Valiantt Info is a background verification web application that enables businesses to conduct comprehensive candidate checks, including identity, employment, education, criminal, and financial verifications.

. Led the development and execution of regression testing for every PI sprint iteration . Ensured each environment was free from bug spillage

. Verified and validated the AI-driven process for candidate CV analysis to ensure accuracy, reliability, and efficiency in evaluating applicant credentials.

**Project 3: Tamil Nadu Tourism and Development Corporation**

TTDC is a Tamil Nadu government-sponsored web application that allows tourists to easily book accommodations in government hotels.TTDC is a Tamil Nadu government-sponsored web application that allows tourists to easily book accommodations in government hotels

. Implemented a test web project framework from scratch using Playwright - Javascript which reduced the E2E Testing by 50%

. Executed initial sanity testing and carried out comprehensive end-to-end UI level testing . Adept at identifying and resolving defects to ensure high-quality software delivery

· Hands-on experience in CI/CD pipelines (Jenkins and GitHub Actions) for automated testing integration

**CGI - Associate Software Engineer July 2022 - July 2024**

Proven experience in the telecommunications and payment processing industries

**Project 1: Credit Check and Risk Assessment**

CCRA is a web application which evaluates selected customers for potential risks associated with credit services.

. Possess expertise in software testing methodologies, proficiency with test management tools, and familiarity with defect tracking systems.

. Implemented API testing process using Postman, improving response validation efficiency

. Conducted performance testing in a production-like environment and performed a thorough analysis.

. Developed a test automation framework from scratch using Selenium and Java, reducing end-to-end testing time by 60%.

. Identified and documented web server vulnerabilities and provided detailed reports to stakeholders using Gobuster.

**SKILLS**

. **Automation Tools:** Selenium, Playwright, TestNG

· **Scripting Languages:** Java, Javascript, SQL

. **Performance Testing Tools:** Jmeter

. **API Testing Tools:** Postman

· **Test Management Tools:** Jira, Xray, Teams Planner

. **Website Vulnerability Tools:** Gobuster

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| **EDUCATION** |  |
| **Bachelor of Computer Applications - (BCA)**  BISHOP HEBER COLLEGE, Trichy  Graduated with 82% CGPA | **April 2019 - June 2022** |
| **Higher Secondary Education - 10th and 12th**  ST. JOHN'S VESTRY ANGLO INDIAN H.S.S CANTONMENT TIRUCHIRAPALLI · With 75% (SSLC) and 61% (HSC) | **Aug 2015 - Aug 2019** |