JAYAPRADEESH S L

Associate Software Engineer | Quality Assurance Testing |

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Professional Summary

Results-driven Software Engineer with 1+ year hands-on experience at Mphasis (HP Printers QA) and proven full-stack development skills. Achieved 98% test coverage for enterprise printer applications across Windows, macOS, iOS, and Android, automated 50+ printer workflows reducing testing cycles by 25%, and built production-ready Expense Tracker Pro featuring JavaFX 21 GUI, live Supabase database sync, professional CSS-styled data tables, and complete CRUD operations (Add/View/Delete/Reset/Total). Transitioning to Software Development/SDET roles leveraging JavaFX, REST APIs (OkHttp3), Supabase/PostgreSQL, and cross-platform testing expertise to deliver high-quality, scalable applications.

Experience

Associate Software Engineer | Mphasis Ltd. | Bangalore, India | Dec 2024 – Present

- Designed & executed 200+ functional/regression test cases across Windows/macOS/iOS/Android achieving 98% coverage with zero critical defects post-firmware updates
- Conducted integration testing across 15+ OS versions & mobile apps; reduced testing cycles 25% through reusable scenarios, comprehensive reports, and led cross-platform UAT validation

Projects

Securing Files on Cloud Storage | **Technology Stack:** Java, AES Encryption, Group Key Management, AWS S3

- Implemented secure multi-user file sharing using dynamic group key generation and rotation for cloud storage.

Electronics Ecommerce | **Technology Stack:** Spring Boot, Thyme leaf, HTML/CSS, Session Management

- Built full-stack e-commerce platform featuring category browsing, shopping cart, Login-protected checkout using spring boot

Expense Tracker Pro | **Technology Stack:** JavaFX 21, FXML, CSS, OkHttp3, Gson, Supabase

- Built full-stack expense management application featuring live Supabase database sync, professional CSS-styled data table with CRUD operations (Add/View/Delete/Reset/Total) using JavaFX GUI and REST API integration

Education

Bachelors of Technology in Information Technology

Sathyabama University | CGPA: 7.8 | 2019-2023 | Chennai, Tamil Nadu

Skills

Programming Language: Java, Python, HTML, CSS, JavaScript

Database: MongoDB, MySQL, Oracle SQL

Certifications

- Java Full Stack Development – Qspiders
- Python, Selenium – Mphasis
- Secured Computer User – EC Council
- Fundamentals of Cyber Security - CISCO

Achievements

- Star performer Q2 2025- Mphasis
- Reduced Production defects by 40%