

KHAYUM MOHAMMAD

Hyderabad, India | +91 7793969617 | khayumm25@gmail.com

GitHub: github.com/khayumm25-zaD | LinkedIn: [linkedin.com/in/khayum-mohammad-593a13374](https://www.linkedin.com/in/khayum-mohammad-593a13374)

APPLICATION SECURITY ENGINEER | PYTHON | DEVSECOPS | QA AUTOMATION

PROFESSIONAL SUMMARY

Application Security and QA Automation Engineer with strong foundations in Python, Java, REST APIs, web application security, and automation testing. Experienced in API validation, DevSecOps CI/CD practices, backend troubleshooting, regression testing, and secure workflow automation. Skilled in Selenium, TestNG, Git, Docker, SDLC, and debugging with exposure to OWASP concepts, vulnerability assessment, AI integration, and secure application workflows.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL

Security & Testing: Application Security, API Security Testing, Functional Testing, Regression Testing, OWASP Concepts

Automation Tools: Selenium WebDriver, TestNG, Postman, Newman, Robot Framework

Backend & APIs: REST APIs, Node.js, Express.js

DevOps & Tools: Git, GitHub, Docker, Jenkins (Basics), CI/CD Pipelines

Databases: PostgreSQL (basic), MongoDB, SQL

Concepts: SDLC, STLC, Secure Coding, Root Cause Analysis, Technical Documentation

AI & Automation: Prompt Engineering, NLP Workflows, AI Integration

PROJECT EXPERIENCE

Selenium Hybrid Automation Framework | Selenium, TestNG, Java

GitHub: <https://github.com/khayumm25-zaD/selenium-hybrid-framework>

- Developed a hybrid automation testing framework using Selenium WebDriver and TestNG
- Automated functional and regression testing workflows improving testing efficiency

DevSecOps CI/CD Pipeline | Docker, GitHub Actions

GitHub: <https://github.com/khayumm25-zaD/devsecops-ci-cd-project>

- Implemented CI/CD workflows supporting automated build, testing, and deployment
- Worked with Docker environments and Git-based automation workflows

API Automation Testing & Security Validation | Python, Robot Framework

GitHub: <https://github.com/khayumm25-zaD/-Automation-Testing-for-APIs>

- Built automated API validation and regression testing workflows using Python
- Performed authentication validation and structured debugging activities

Application Support & Backend Workflows | Node.js, MongoDB

GitHub: https://github.com/khayumm25-zaD/movie_booking_system

- Supported and troubleshoot backend REST APIs and authentication workflows
- Performed debugging and validation for backend application services

AI Resume Analyzer | Python, NLP

GitHub: https://github.com/khayumm25-zaD/AI_Resume_Analyzer

- Built AI-powered automation workflows using Python and NLP concepts
- Worked on prompt-based processing and workflow optimization

Employee Management System | Java, SQL

GitHub: <https://github.com/khayumm25-zaD/EmployeeManagementSystem>

- Developed backend workflows and CRUD operations using Java and SQL
- Supported debugging and data validation activities

EXPERIENCE

VLSI Design Intern — Learnwik Solutions | Sep 2025 – Nov 2025

- Diagnosed and resolved system-level issues using structured troubleshooting approaches
- Collaborated on debugging, validation, and technical documentation activities

EDUCATION

B.Tech – Electronics & Telecommunication Engineering

MLR Institute of Technology | 2021–2025

CERTIFICATIONS

- Deloitte Technology Job Simulation — Forage
- AWS Solutions Architecture Simulation —