

## PROFESSIONAL SUMMARY

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Detail-oriented Software Testing Engineer with 1.5+ years of hands-on experience in manual and automated testing across web and mobile platforms. Holds ISTQB Certified Tester Foundation Level (CTFL) v4.0 certification and practical expertise in Selenium WebDriver with Java, TestNG, and the Page Object Model (POM) design pattern. Proven track record of designing and executing comprehensive test cases, performing API testing with Postman, tracking defects in JIRA, and delivering high-quality software across diverse domains including Healthcare, ERP, POS, and HRMS systems. Actively advancing automation capabilities to support CI/CD pipelines and improve regression coverage efficiency.

## TECHNICAL SKILLS

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**Testing Types:** Manual Testing, Regression Testing, Functional Testing, Smoke Testing, Usability Testing, API Testing, Mobile & Web Application Testing

**Automation:** Selenium WebDriver, TestNG, Page Object Model (POM), Java (OOP), Maven

**API Testing:** Postman, REST API Testing, Request/Response Validation, API Documentation

**Bug Tracking & PM:** JIRA, Bug Reporting, Test Management, Defect Lifecycle

**SDLC / STLC:** Test Planning, Test Case Design, Test Execution, UAT, Requirements Review

**Frameworks:** TestNG Framework, Data-Driven Testing, Assertion Libraries

**Programming:** Java (Selenium Automation), Basic Python

**Other Tools:** MS Office, Git, GitHub

**AI-Assisted Testing:** Claude AI — Test Case Writing & Review, Test Data Generation, Automation Code Debugging & Review

**Platforms:** Web, Mobile (Android/iOS), Odoo ERP

## WORK EXPERIENCE

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### Software Testing Engineer | Pioneer — Saudi Arabia (Remote)

September 2025 – Present

- Execute functional, regression, and smoke testing for enterprise-level web applications, ensuring alignment with business requirements and acceptance criteria.
- Collaborate with cross-functional teams including developers, product owners, and business analysts to identify, document, and resolve defects within defined SLAs.
- Design detailed test cases and test scenarios based on business requirements documents (BRDs) and functional specifications.
- Report and track defects through their full lifecycle using JIRA, ensuring clear reproducibility steps, priority classification, and resolution follow-up.

### Software Testing Engineer | Petra Software Industries — Assiut, Egypt

September 2024 – Present

- Designed and executed 200+ test cases across web and mobile applications, achieving comprehensive coverage of functional and non-functional requirements.
- Conducted API testing using Postman to validate RESTful endpoints, including request/response validation, error handling, and data integrity checks.
- Performed regression testing after each release cycle, reducing post-release defect leakage and ensuring product stability.

reducing rework by catching defects at the source.

## AUTOMATION TESTING PROJECTS

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### Swag Labs E-Commerce — Selenium Java Automation Framework

GitHub: [github.com/kirollos2002/swag-labs-automation](https://github.com/kirollos2002/swag-labs-automation)

- Architected a full-stack test automation framework for saucedemo.com using Selenium WebDriver, Java, and TestNG following the Page Object Model (POM) design pattern.
- Implemented end-to-end test scenarios covering Login (valid/invalid credentials, locked user, error messages) and Shopping Cart (add/remove items, cart persistence, checkout flow).
- Applied data-driven testing techniques and TestNG annotations (@BeforeClass, @AfterMethod, @DataProvider) for clean, reusable, and maintainable test suites.
- Structured the project with separation of concerns: page classes, test classes, and utilities — enabling easy scalability and onboarding for new team members.
- Published the complete framework to a public GitHub repository with full documentation, demonstrating version control and open-source collaboration practices.
- Tools & Stack: Selenium WebDriver, Java (OOP), TestNG, Maven, Git, GitHub, Page Object Model.

## MANUAL TESTING PROJECTS (PROFESSIONAL)

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### Systems Tested at Petra Software Industries:

- Point of Sale (POS) System — Web & Mobile: Tested sales transactions, inventory updates, receipt generation, and multi-payment-method flows across 50+ test scenarios.
- Pharmacy Management System (Web): Validated drug inventory, prescription workflows, supplier management, and billing modules ensuring data integrity and regulatory compliance.
- Restaurant Management System — Web & Mobile: Executed functional and regression tests for order management, table reservations, kitchen display, and reporting modules.
- Clinic & Hospital Management Systems (Web): Tested patient registration, appointment scheduling, medical history management, and billing workflows across integrated modules.
- Human Resource Management System (HRMS): Validated employee onboarding, payroll processing, leave management, and role-based access control features.
- Inventories Management System (Odoo ERP): Tested Inventory, Sales, Purchase, and Accounting modules including custom-developed Odoo modules with complex business logic.

## EDUCATION

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### Bachelor of Science — Computer and Information Systems

Assiut University, Assiut, Egypt | September 2020 – June 2024 | GPA: 2.78 / 4.0

## CERTIFICATIONS & TRAINING

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- ISTQB Certified Tester Foundation Level (CTFL) v4.0 | Certificate ID: 251119001
- Certified Flutter Development Internship — Petra Software Industries (Aug 2023)
- Certified Flutter Development Internship — ITI Students Program (Aug 2023)
- IT Internship — Alexandria Mineral Oils Company (AMOC) (Jul–Aug 2023)