HEMANTH KOLA

Automation Test Engineer | Playwright | Selenium | TypeScript | Java

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SUMMARY

- 3 years of experience in Automation Testing using Playwright (TypeScript) and Selenium (Java).
- Strong expertise in building scalable automation frameworks, Page Object Model (POM), and CI/CD integration using Jenkins.
- Hands-on experience in functional, regression, smoke, API testing, and Agile delivery models.
- Proven ability to improve automation coverage, reduce manual effort, and ensure high-quality releases.
- Strong analytical, debugging, and communication skills with experience collaborating across teams.

TECHNICAL SKILLS

Automation Tools: Playwright (TypeScript), Selenium WebDriver, TestNG

Languages: TypeScript, Java, Core Java

Frameworks: POM, Data-Driven Framework, Hybrid Framework

Build & CI/CD: Maven, Jenkins, Git, GitHub

Testing: Functional, Regression, Smoke, Sanity, API Testing (Postman)

Bug Tracking: JIRA, ALM

Database: MySQL

Tools/IDE: VS Code, IntelliJ, Eclipse

Methodologies: Agile/Scrum, SDLC, STLC

PROFESSIONAL EXPERIENCE

Software Engineer – Tata Consultancy Services

June 2023 – Oct 2025

Project: STELLANTIS | Domain: Manufacturing | Playwright + TypeScript + Jenkins

Roles & Responsibilities

- Designed and developed automation scripts using Playwright with TypeScript and Page Object Model (POM).
- Performed end-to-end UI validation, regression suites, and release-based testing.
- Integrated scripts into Jenkins CI/CD pipeline and performed scheduled executions.
- Improved automation coverage by 35%, reducing manual testing time by 40%.
- Identified defects, logged them in JIRA, and collaborated with developers to close issues faster.
- Created reusable utilities, fixtures, and wrappers to enhance framework maintainability.

QA Engineer – CIBC (Banking Domain)

Tech Stack: Selenium + Java + TestNG + Maven + Jenkins | Hybrid Framework

Roles & Responsibilities

- Automated core banking flows such as Login, Funds Transfer, and Account Management.
- Designed and executed 150+ functional and regression test cases.
- Built Data-Driven & Hybrid frameworks to support large-scale regression testing.

- Logged defects in JIRA and ensured 100% traceability through requirement mapping.
- Performed cross-browser testing across Chrome, Firefox, Edge.
- Reduced manual workload by 40% by automating repetitive test scenarios.

QA Intern – HRM Project

Oct 2022 – May 2023

Tech Stack: Selenium, Java, TestNG, Maven

Roles & Responsibilities

- Performed functional and regression testing across ~5 core HRM modules.
- Logged and tracked 30+ defects with a closure rate of 98%.
- Ensured 95% test coverage by executing detailed test plans and documenting results.

EDUCATION

B.Tech – Electronics & Communication Engineering

Aditya Institute of Technology & Management, Tekkali (2019–2023)

CERTIFICATIONS

- Playwright with TypeScript – Udemy
- Selenium WebDriver with Java – Udemy
- Agile Testing Fundamentals

ACHIEVEMENTS

- Improved automation efficiency by reducing execution time by ~30% through optimized scripts.
- Recognized for maintaining near zero-defect delivery in multiple sprints.
- Automated critical flows enabling early detection of production defects.