Gautam Marathe

+91-9021742100 | gautammarathe15@gmail.com | linkedin.com/in/gautam-marathe-
Notice Period: Serving | Early Release Negotiable

Professional Summary

Automation Test Engineer with over **3+ years of experience** delivering high-quality enterprise and e-commerce production releases. Proven expertise in architecting and scaling scalable **Page Object Model (POM)** frameworks from scratch using **Playwright (JavaScript and TypeScript)**. Strong track record of accelerating delivery speeds by transforming manual workflows into automated **Regression Testing** suites across complex domains like Contract Labour Management Systems (CLMS) and booking platforms. Adept at leveraging **AI tools (Cursor AI and GitHub Copilot)** to optimize test script generation by **30%**, managing the full Defect Life Cycle in JIRA, and contributing effectively within high-velocity **Agile** environments.

Experience

•Automation Test Engineer *Project – CLMS*

Emsphere Technologies Jun 2026 – Present

Description:

– Acted as the core Automation Engineer to architect and initialize a scalable end-to-end testing framework from scratch using **Playwright (JavaScript/TypeScript)** for the Contract Labour Management System (CLMS).
– Streamlined complex workforce operations by developing highly maintainable automated workflows for Shift Management, Overtime Calculation, and Real-Time Compliance engines.

Responsibilities:

– **Framework Engineering:** Designed and deployed a modular **Page Object Model (POM)** framework, shifting core workflows from manual execution to automated **Regression Testing** blocks.
– **AI-Driven Optimization:** Integrated advanced AI utilities (**Cursor AI and GitHub Copilot**) to accelerate test script generation by **30%** while ensuring deep multi-tenant edge-case coverage.
– **Regression & Integration Testing:** Formulated and executed automated regression suites focused on high-risk system modules like Automated Billing and Statutory Compliance (PF/ESIC verification).
– **Wages & Payroll Automation:** Formulated and executed automated testing for complex salary structures, validating accurate computations of basic wages, overtime (OT) payouts, and statutory deductions.
– **Agile & CI/CD Synergy:** Collaborated within high-speed Agile sprints to identify critical bugs early in the lifecycle and integrated automated execution into CI/CD build pipelines.

•Automation Test Engineer *Project – Cilory*

Digital Partners IT Solution Pvt Ltd September 2023 – May 2026

Description:

– Acted as an **SDET** to engineer comprehensive manual and automation test strategies for **Cilory.com**, a high-traffic e-commerce platform specializing in Indian ethnic wear. Verified the integration of a complex **Virtual Try-On** feature and conducted end-to-end testing of both **Admin and User** panels to ensure seamless product management and customer workflows. Focused on core testing concepts by validating various **Payment Options**.

Responsibilities:

– Performed Requirement Analysis and Test Case Design to ensure **100% Requirement Traceability Matrix (RTM)**.
– Developed, maintained, and optimized scalable automation test scripts using **JavaScript and Playwright**, leveraging the **Page Object Model (POM)** for enhanced code maintainability.
– Integrated **Cursor AI and GitHub Copilot** for **AI-assisted** test case generation, reducing test creation time by **30%** while expanding edge-case coverage.
– Performed **Smoke, Functional, and Regression testing** cycles achieving a **20% increase** in execution efficiency through optimized automation suites.
– Managed the complete **Defect Life Cycle in JIRA** overseeing bug reporting, prioritization, and verification to ensure high-quality production releases.
– Actively participated in **Agile ceremonies** (Daily Stand-ups, Sprint Planning, and Retrospectives) to ensure alignment with project goals and refine QA processes.

•SDET Engineer *Project – India East West*

Digital Partners IT Solution Pvt Ltd January 2023 – August 2023

Description:

– Tested online bus ticket booking services and tracking services, integrating "Pay Later" options (LazyPay) and secure payment gateways (Razorpay). Validated booking workflows, transaction status, error handling, and refunds.

Responsibilities:

– Expert in the **Software Testing Life Cycle (STLC)**, performing **Requirement Analysis, Test Planning, and Functional, Smoke, Sanity, Exploratory, Regression testing** for online bus ticket booking and tracking services to ensure a seamless user experience.
– Validated the **Pay Later feature through API Testing**, ensuring correct request-response cycles, authentication, and transaction security.
– Executed **Microservices Testing** to ensure data integrity across booking, payment, and tracking modules, and managed the complete **Defect Life Cycle in JIRA** including **retesting** for stable releases.
– Designed and implemented a robust automation suite using the **Page Object Model (POM)** framework in **Playwright** to enhance code reusability and maintainability.
– Performed hybrid **Manual and Automation Testing** using **Playwright (JavaScript)** to validate end-to-end ticket booking workflows, real-time tracking, driver management, bus maintenance modules, refund processing, and secure payment gateway integrations.

Technical Skills

Core Skills: Manual and Automation Testing, Functional Testing, Smoke Testing, Sanity Testing, Regression Testing

Test Automation: Automation Testing using Playwright (JavaScript , TypeScript)

Development & Testing Practices: STLC, Agile, Defect Life Cycle, Page Object Model (POM), BDD.

Tools: JIRA, Git, VS Code, Postman (API Testing).

Education

•Anantrao Pawar College of Engineering and Research , Pune *2022*

Bachelor of Engineering: Information and Technology (IT) CGPA : 9.18