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Gopibarat Sunder

Senior SDET / QA Automation Engineer

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PROFESSIONAL SUMMARY

Senior QA Automation Engineer with **6.5+ years of experience** building and owning scalable automation frameworks using **Playwright, Selenium, and API testing**. Expert in integrating automation into **CI/CD pipelines** (GitHub Actions, Jenkins) to serve as release quality gates. Proven ability to scale automation by empowering manual QA engineers through AI-assisted tools and **architecting cost-effective, scalable load testing solutions on cloud infrastructure**

TECHNICAL SKILLS

- **Automation & Testing:** Playwright, Selenium WebDriver, Rest Assured, Postman, BrowserStack
- **Programming:** JavaScript, Java
- **Frameworks:** TestNG, Maven, Gradle, POM, Data-Driven, Keyword-Driven
- **CI/CD & DevOps:** GitHub Actions, Jenkins, Docker
- **Cloud & Infra:** AWS (EC2, ECS, S3)
- **Databases & Tools:** SQL, Git, JIRA
- Test Planning, Regression Testing, Sanity Testing, Release Validation

PROFESSIONAL EXPERIENCE

Senior QA Test Automation Engineer Toku (Remote) Sept 2024 – Present

- Developed sanity automation scripts covering all Toku portals, **reducing manual effort by 45 minutes** per cycle and completing execution in **under 10 minutes**.
- Integrated Playwright automation with **BrowserStack** for regression and sanity testing, enabling centralized test execution, run history tracking, and test management as part of release validation.
- Expanded sanity scripts across **Dev, UAT, and Production** environments to improve feature testing focus.
- Created a **load testing framework** simulating **300+ concurrent agents** using **AWS EC2**, overcoming Playwright Azure limitations.
- Implemented a **health check script** scheduled every 30 mins to monitor portal uptime and functionality.
- Built automation scripts for **downtime detection** during deployments and integrated notifications to **Microsoft Teams** and execution reports stored and versioned in **AWS S3 buckets**.
- Sole automation engineer managing **full automation life cycle**, contributing to performance and stability improvements.

Senior SDET Coda Payments (Remote) Feb 2022 – Sept 2024

- Automated **500+ test cases** for legacy admin portal, reducing execution time to **under 14 minutes**.

- Led **API automation** using **Rest Assured** with Maven and **UI automation** using **Selenium and Java**.
- Designed and implemented **POM framework** with a **data-driven approach** from scratch.
- Enhanced existing **keyword-driven automation framework**.
- **Mentored** manual QA engineers transitioning to automation roles.
- Independently managed automation activities in a team of 2.

Software Tester

Capgemini / ANZ Bank (Bangalore, India)

Jul 2019 – Dec 2021

- Performed **requirement analysis**, test case creation, execution, and closure.
- Automated feature testing in an existing **data-driven Selenium (Java) framework**.
- Actively contributed to enhancing **framework coverage** and reliability.
- Gained solid understanding of **Banking Domain (Home Loans)**.

KEY PROJECTS

AI + Playwright Integration Framework | [\[GitHub Link\]](#)

- Designed a production-ready **Playwright automation framework** focused on scalability and maintainability.
- Integrated **AI-assisted test flows** to reduce test authoring effort and improve coverage.
- Implemented **reusable fixtures**, environment-based configuration, and **CI-ready execution**.
- Designed the framework to support non-automation engineers via **codegen** and recorder-based workflows.

ACHIEVEMENTS & AWARDS

- **Star Performer Award (Toku)**: Recognized for independently creating automation solutions that significantly reduced manual testing effort.
- **Coda Diamond Award (2x) (Coda Payments)**: Awarded for outstanding contributions in developing robust automation frameworks and mentoring manual testers.
- **Mentorship**: Successfully trained 4 students from non-IT backgrounds in automation testing, helping 2 students secure a placement as a software tester.

EDUCATION & CERTIFICATIONS

- **B.Sc. Information Technology** | University of Mumbai, India (2016 – 2019)
- **ISTQB Foundation Level** – GASQ
- **Oracle Java Foundation Certified** – Oracle
- **Postman for Testers** – 15 Days Course
- **Fundamentals of DBMS** – NPTEL