

# SNEHA SINGH

## AI-DRIVEN PRODUCT SME & QA AUTOMATION LEAD

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### CORE COMPETENCIES

- **Modern Automation:** Playwright (JS/TS), API Testing (Postman/REST-assured), Cross-browser/Platform Testing
- **AI-Assisted Testing:** AI-powered test generation, **Cursor (Context-aware coding)**, Prompt Engineering for QA, LLM-assisted code reviews
- **AI QA Strategy:** Testing AI-First Apps, Bias Detection, Semantic Similarity Evaluation, Drift Monitoring, and Content Safety Assurance
- Product Backlog Management
- Cross Functional Team Collaboration
- Client Research & Training
- SaFe Product Development

### SOFTWARE SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, Playwright, SQL
- **AI Tools:** **Cursor AI (Primary IDE)**, ChatGPT, Claude, GitHub Copilot
- **QA Infrastructure:** GitHub Actions, Jenkins, Docker, Playwright MCP (Model Context Protocol)
- **Product Tools:** JIRA, Tableau, Power BI, Confluence, GitHub.

### EDUCATION

Bachelor of Technology, CSE (Honors)  
CGPA: 9.96

### CERTIFICATION

- ISTQB – Foundation Level & Agile Certification
- Playwright with TypeScript (Web & API Testing)

### PROFESSIONAL SUMMARY

**Dynamic QA Leader and Product SME** with over 8 years of experience in driving product vision, strategy, and execution within agile environments. Expert in architecting **Playwright-based frameworks** and leveraging **AI coding tools like Cursor** to accelerate test cycles. Proven track record of collaborating with cross-functional teams to deliver innovative solutions that enhance user experience and meet business objectives. Currently focused on implementing **AI for automated test planning** and validating non-deterministic AI features.

### WORK EXPERIENCE

#### ❖ TECH LEAD - PRODUCT SME

Yardi India | PUNE, INDIA

Dec 2015 - Present

As a part of R&D team, I have experience in building Business intelligence product using Data from different verticals of the business. Curated project from the scratch to have revenue generating product. Created product that delivers insight across the breadth of customer activities, ensuring effective transaction monitoring and building analytical & reporting capabilities for holistic customer experience.

- Requirement gathering from product owner of different verticals and translating those into product features making sure that key product KPIs are met.
- Ensuring test coverage and product quality.
- Actively work with development team to deliver high quality product.
- Ensure QA team align with the development pace in Agile Environment.
- Ensure AI adoption in testing phase of SDLC lifecycle.
- Maintaining Automation framework and continuous execution to ensure quality.
- Ownership of E2E, Regression and smoke test execution to maintain smooth delivery and early alarm for any issue.

### PROJECTS & CONTRIBUTIONS

- **AI-Powered Test Framework:** Built a sample E2E suite using Playwright and Cursor that integrates with Playwright MCP to allow AI assistants to debug flaky tests in real-time.
- Strategizing product feature priority based on value score – WSJF.