

Lokender Singh

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Objective:

Dynamic and adaptable professional with a background in both Generative AI Engineering and Quality Assurance. Proficient in AI technologies, vector databases, and LLM frameworks, as well as adept in Test Planning, Regression Testing, Automation tools, and Agile methodologies. Committed to leveraging technical expertise and innovative thinking to develop cutting-edge AI solutions while ensuring top-notch quality and client satisfaction within a collaborative team environment.

Work Experience

Company: GlobalLogic

Designation: Associate Consultant

Duration: October 2023 – Present

Past Experiences: Canwill Technologies, Infosys, Freelancing, IASST

Professional Summary

QA professional with around 8.5 years of experience

Experience in Telecom, E-Commerce, Privacy and Data Breach domain and currently working in Healthcare domain.

Experience in working in both Agile and Waterfall methodologies

Automation testing – creating and maintaining framework and automation scripts

Requirement Analysis, Test Estimation, and Test Planning

Expertise in Functional Testing, System Integration Testing, API testing, Regression Testing, and Production Support, GenAI Apps

Liaise with developers, business analysts, and user representatives in application design and document reviews

Superior analytical, troubleshooting, and presentation skills

Able to work well as a team member or independently depending on project requirements

Skills Summary

- **Programming Languages:** Python, Javascript
- **Automation Tools:** Cypress, Playwright, WDIO
- **Frameworks & Tools:** LangChain, LlamaIndex, Streamlit, Cucumber, Postman, Jira, GitHub, Azure Devops
- **Generative AI Technologies:** Open-source and paid LLM models (Llama2, Mistral, OpenAI, Groq AI, Phi, Gemma)
- **Vector Databases:** ChromaDB, Pinecone
- **AI/ML Techniques:** Fine-tuning with custom data, vector embedding, Query Transformations, RAG
- **Soft Skills:** Analytical thinking, problem-solving, teamwork, effective communication

- **Testing:** UI Testing, API Testing, Regression Testing, Functional Testing
- **Mathematics:** Linear Algebra, Applied Mathematics, Probability

Educational Qualifications

Birla Institute of Technology, Mesra
B.E. (Electronics and Communication)

2011-2015

Professional Experience

1. Global Logic , Noida – Automation and Complex E2E Regression

Designation: Associate Consultant

Description: Worked on two data intensive healthcare applications.

Achievements:

- Executing Regression and Sanity testing planned for every release
- Developed end-to-end (E2E) test automation frameworks using Playwright and WDIO to automate interactions between system components
- Implemented automation frameworks tailored to the needs of different teams
- Completed **GenAI** training and made a **chatbot for Q&A on Structured Data** using completely Open Source resources

2. Canwill Technologies, Pune – Automation and Complex E2E Regression

Designation: Sr QA Engineer

Description: This project is related to Canopy Software company which works in the field of privacy and data breach.

Achievements:

- Executing Regression and Sanity testing planned for every release
- Achieved 85% success rate running automation test scripts using Cypress, JavaScript
- implemented BDD functionality
- implement Xray with Cucumber reports and integrated it with JIRA
- Involved in Estimation Planning, Test Planning, Test Case Preparation, and Test Execution
- Handling the complete end to end project, from Test Planning till Production deployment and support.
- Executing Regression and Sanity testing planned for every release
- Experience in API testing using Postman.

3. Freelancing – Functional and Regression Testing

Description: During this time worked on multiple projects and created Automation Test Suite using Playwright and Cypress for regression.

4. Institute of Advanced Study in Science and Technology, Guwahati: CSIR-JRF

Designation: Junior Research Fellow

Description: During this time as Junior Research Fellow in Mathematics at one of the DST-India laboratories

Achievements:

- Researched the classification of acoustic-gravity waves in a two-layer ocean as part of the project.
- Engaged in brainstorming sessions within the domains of linear algebra and PDE/ODE's

5. Infosys, Pune India: Automation, Functional and Regression Testing
Project: Spark, New Zealand – Automation and Complex E2E Regression
Designation: Senior System Engineer

Description: This project was related to Spark New Zealand Telecommunications, worked on enhancement of the existing framework and automated test cases using Cypress and upgraded the team for automation and its benefits.

Achievements:

- Worked in an Agile model and was responsible for all QA deliverables for the SCRUM team from planning to execution and reporting
- Identified and developed automation scripts after each delivery cycle

Project: Reckitt Benckiser, England – Functional and Regression Testing
Designation: System Engineer

Description: This project is related to the functional testing of web applications

Achievements:

- Worked in an Agile model, attending daily Scrum calls and other Agile ceremonies
- Involved in Estimation Planning, Test Planning, Test Case Preparation, and Test Execution.
- Responsible for UI testing, Functional testing, Integrated System testing, and backend testing
- Analyzed root cause and presented a solution for frequently occurring failures to support team

Training and Certifications

- Completed GL Internal certification for GenAI tools.
- Completed Infosys Internal certification for Python Programming language.
- Completed Training in JavaScript language via Online Training Portals
- Completed Training in Cypress via Online Training Portals.
- Completed Infosys Internal certification for Agile Methodologies
- Completed Training in MATLAB via Online Training Portals
- Completed Infosys Internal ISTQB certification.

Educational Achievements:

- Secured **AIR 56** in CSIR-JRF(PhD Entrance) Mathematics Examination