

Deepak Malik

Gen AI Engineer

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Software professional with 1.8 years of automation testing experience, specializing in regression test automation with Java Selenium. Proficient in front-end development and team collaboration. Currently expanding skills in Generative AI (GenAI) and eager to contribute to AI-driven projects.

Technical Skills & Certifications:

- **Programming Languages:** Python, JavaScript
- **Generative AI Technologies:** PydanticAI, FAISS
- **Web Development:** HTML, CSS, JavaScript
- **Automation Tools:** Java-Selenium
- **Version Control:** GitHub

EXPERIENCE:

Programmer - Cognizant Feb 2023 - Nov 2024

- Collaborated with cross-functional teams (customers, engineers, managers, and analysts) to deliver high-quality conversational channels, ensuring timely project completion and meeting customer requirements.
- Successfully navigated 10+ complex testing scenarios, resulting in a 10% reduction in bug reports and improved software stability.
- Developed and implemented 15+ automated test scripts using Python for API (REST and SOAP) testing, increasing testing efficiency by 20%.
- Actively participated in Agile sprint planning and daily stand-up meetings, contributing to effective team collaboration and project progress.

PROJECTS:

Financial Agent: AI Agent

Tech Stack: Python, Groq LLM, DuckDuckGo, YFinanceTools, PhiData

An AI-powered financial research assistant that fetches real-time data, analyzes stock fundamentals and provides actionable insights based on the latest news.

Conversation Agent: AI Agent

Tech Stack: Python, Gemini LLM, FAISS, PydanticAI, JSON

A CLI AI-powered query-response agent with contextual memory, designed to understand queries, provide accurate responses, and enhance user interactions by recalling past conversations.

UI Clone: Web Design

Tech Stack: HTML, CSS, TailwindCSS

Designed a fully responsive custom front-end using TailwindCSS and CSS, creating end-to-end UI clones of Paytm, Rode website, and Shopify.

EDUCATION:

New Horizon College (NHC), Bangalore July 2019 to Sep 2022

9.42 CGPA, Bachelor's Degree in Computer Application

