ABHINAV UTKARSH

Generative AI | Automation | Web Development & Integration
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PROFESSIONAL SUMMARY

Automation and Generative AI Engineer with **2+ years** of experience in designing automation frameworks, validating enterprise applications, and integrating AI-assisted engineering solutions. Strong expertise in Selenium WebDriver, Java, TestNG, API validation, and data-driven testing. Certified in Generative AI and Prompt Engineering with hands-on experience leveraging ChatGPT, Google Gemini, and GitHub Copilot to improve development productivity and solution efficiency.

CORE SKILLS

- **Automation Engineering:** Selenium WebDriver, TestNG, Cucumber, Apache POI, Regression & Build Verification Testing
- **Generative AI:** Prompt Engineering, LLM Tools (ChatGPT, Gemini), AI Chatbot Integration, AI-assisted Workflow Optimization, Work-flow Development
- **Programming:** Java, Python, C, C++, OOPS, Maven, Spring Boot (Basics)
- **Web & Integration:** HTML, CSS, JavaScript, Bootstrap, WordPress, PHP, REST API Integration, Firebase, Bootstrap, WordPress
- **Tools:** Git, GitHub, SVN, Jira, Power BI, Microsoft SQL Server Management Studio, Oracle Cloud Infrastructure, Google Vertex AI
- **Methodologies:** Agile (Scrum), Waterfall

PROFESSIONAL EXPERIENCE

Programmer Analyst | Cognizant Technology Solutions
Sep 2023 – Present

- Working as Automation Engineer for Insurance and Healthcare enterprise applications.
- Designed and maintained Selenium WebDriver frameworks using Java and TestNG.
- Developed modular framework components to enhance maintainability and scalability.
- Contributed to Build Verification and Regression automation to accelerate release cycles.
- Performed UI and API-level validation for end-to-end workflow testing.
- Integrated automation scripts with backend services to validate system data flow.
- Improved automation stability through intelligent waits, dynamic locators, and structured exception handling.
- Increased automation coverage across critical modules, reducing regression effort.
- Utilized ChatGPT, Google Gemini, and GitHub Copilot for test case generation, debugging, and script refinement.
- Explored AI-assisted workflow automation to enhance QA productivity.
- Managed defect lifecycle using Jira and participated in Agile ceremonies.

Web Developer Trainee | Octanet Pvt Ltd
Jun 2023 – Sep 2023

- Developed responsive e-commerce web applications using HTML, CSS, and JavaScript.
- Integrated APIs and optimized UI performance.

Web Developer | Caddesk Pvt Ltd

Jan 2023 – May 2023

- Developed client interaction websites and implemented API integrations.
- Handled backend connectivity and deployment activities.

KEY PROJECTS

- **DivyaLok Web Application** – Developed a dynamic web platform using HTML, CSS, JavaScript, and integrated ChatBot for intelligent recommendations. URL: [Live Demo](#)
- **AI Chatbot** – Integrated Botpress Webchat for real-time interaction, supporting conditional flows and rich media responses. URL: [Live Demo](#)
- **AI Image Generator** – Built a custom image generation web tool with Pixel API integration.
- **TestFlo - Build Verification Portal** – Developed a testing automation framework to validate build quality and ensure faster deployment cycles. URL: [Live Demo](#)
- **Multiple Automation Testing Projects (Cognizant QEA-Insurance)** – Global Testing projects (Functional, Manual, Automation testing)
- **Av_eSAFE Gurukul** - Developed a dynamic web platform for learning professionals and students using HTML, CSS, JS, JSON, PHP, Firebase integrations, Data base Integration URL: [Live Demo](#)

EDUCATION

Master of Computer Applications (MCA), 2023 | **CGPA: 8.2**
Visvesvaraya Technological University, Karnataka

CERTIFICATIONS

- Cognizant **GenAI Certified Associate**
- Cognizant **Prompt Engineering Certified Associate**
- Oracle **Cloud Infrastructure 2025** Certified Foundation Associate
- Certified **Amazon Connect Developer**
- Microsoft PL-300T00: Power BI Data Analyst
- Selenium WebDriver with Java – Basics to Advanced + Frameworks
- Tricentis **Tosca Product consultant PL1 & PL2**

ACHIEVEMENTS

- **Swami Vivekananda Professional Excellence Award 2026** (Information Technology) – The Indian Award Forum
- **Guinness World Record** – Cognizant Vibe Coding
- **Gold Medalist** – Master of Computer Applications
- **Winner** of Management Buzz event | BCA