

Manav Kumar

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Professional Summary

QA Automation Engineer with expertise in Java, Selenium, and CI/CD pipelines, transitioning from Full Stack Development. Hands-on experience in test automation, API testing, and performance optimization, combined with strong programming skills in JavaScript/TypeScript and cloud deployment (AWS). Passionate about building robust test frameworks, ensuring software quality, and collaborating with cross-functional teams

Skills

Automation Tools: Selenium WebDriver, TestNG, JUnit, Cucumber (BDD)

Languages: Java, JavaScript/TypeScript, Python

Testing: Functional/Regression Testing, API Testing (Postman/REST Assured), Cross-Browser Testing

CI/CD: Jenkins, GitHub Actions, Docker.

Frameworks: Page Object Model (POM), Data-Driven Testing

Other: Git, Linux, Agile/Scrum, JIRA

Experience

Software Developer Intern, Freecharge Payments Technologies – Gurugram, India Sept 2024 – March 2025

- Enhanced Ops Panel used across 74+ branches by optimizing workflows (Gold Loan, UPI), improving data integrity.
- Developed FOS (Field Operations System) to streamline HR onboarding, automate hiring workflows, and integrate APIs for accurate employee verification and compliance tracking.
- Reduced API response time by 25%, improving customer service workflows and decreasing ticket resolution time by 15%, automating workflows for the Merchant Support Team, refactoring legacy code, and ensuring robust security measures.

Software Engineer Intern, Compitcom – Jaipur, India Mar 2024 – Aug 2024

- Led development of multiple MERN stack client applications, improving deployment speed by 40% using CI/CD and AWS services for various clients, handling both frontend and backend development with a focus on scalability and performance.
- Deployed and maintained backend infrastructure on AWS, ensuring efficient scaling, serverless architecture, and seamless application performance.

Projects

Hostelbay

- Developed a scalable property listing platform using React.js and TypeScript, integrating real-time search and filtering for seamless user experience.
- Optimized UI/UX for accessibility and responsiveness, ensuring smooth navigation across devices.

ProNotes

- Engineered a chatbot solution using Microsoft Azure Bot Framework, integrating WebSockets for real-time interactions, developed and exposed RESTful APIs to enable seamless communication between the chatbot and multiple third-party services.

ELearning Website

- Designed and developed a bidding management system with user and admin flows, using Next.js and React.js.
- Enabled secure document uploads with metadata tagging and role-based access and Integrated real-time notifications and dashboard analytics to enhance user decision-making.

Education

Bachelor of Technology, Computer Science

Average GPA: 8.1/10

2020 – 2024