Govinda Kumar Mishra

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EDUCATION

RGPV, Bhopal   **2018 – 2022**
*B.Tech - Computer Science and Engineering - **CGPA: 7.8***   *Bhopal, Madhya Pradesh*

EXPERIENCE

ideaForge Technology Limited   **Apr 2025 – Present**
Engineer I – Senior QA Automation   *Mumbai, Maharashtra*

- Designed and implemented scalable **automation frameworks** using **Java**, **TestNG**, **Cucumber**, and **Maven**.
- Developed **automated test suites** for regression, E2E, and integration testing in **microservices** architecture.
- Integrated test automation with **CI/CD pipelines** using **Jenkins**, **GitLab CI**, and enabled faster deployments.
- Enhanced **API automation** framework using **REST Assured**, increasing coverage by 40% via modular design.
- Implemented **shift-left testing** by collaborating with developers on early component-level testing and code reviews.
- Mentored junior testers and led **automation best practices**, contributing to knowledge-sharing and onboarding.
- Worked with cross-functional teams to streamline testing in Agile sprints, focusing on **faster feedback cycles**.
- Contributed to **test strategies**, estimations, and test documentation aligned with business priorities.

ideaForge Technology Limited   **Nov 2023 – Mar 2025**
Junior Engineer – QA Automation   *Mumbai, Maharashtra*

- Proficient in **Automation Testing** and **QA** practices within fast-paced **Agile** development teams.
- Proficient in **manual** and **automation testing** of **web applications**, **API**, and backend **DB testing**.
- Expertise in **API testing** using **Postman** and **REST Assured**; used **SQL** for backend data validation.
- Performed **performance testing** using **Apache JMeter** in environments like **SIT** and **QA**.
- Hands-on with **Selenium WebDriver**, **TestNG**, **Cucumber BDD**, and scripting in **Java/Python**.
- Maintained comprehensive **test plans**, **test cases**, and **defect reports** ensuring high-quality releases.
- Domain knowledge in **Retail** and **Corporate Lending** applications (**LOS**, **LMS**).
- Familiar with complete **STLC**, active participation in **Agile ceremonies**, and **defect life cycle**.

AUTOMATION EXPERIENCE

Web Automation Testing

- Automated testing using **Selenium WebDriver**, **TestNG**, and **Cucumber BDD** with Java/Python.
- Built POM-based frameworks for scalability and maintainability using utilities, listeners, and assertions.
- Implemented **Playwright** for fast, parallelized UI testing with tracing, emulation, and reporting.
- Integrated with **Jenkins**, **Maven**, and **Git** for CI/CD using pipelines, webhooks, and artifacts.
- Applied smart waits, XPath/CSS selectors, and cross-browser testing with retries, logging, and screenshots.

API Automation Testing

- REST API automation with **REST Assured** in Java, including request chaining and response validation.
- Validated methods (GET, POST, PUT, DELETE), headers, tokens, schemas, and status codes.
- Data-driven frameworks with **TestNG**, Excel/JSON, reusable utilities, and parameterized tests.

- Manual testing with **Postman**; reports via **Allure** and Jenkins pipelines.

Mobile Automation Testing

- Android app automation using **Appium**, Java, and **TestNG**; validated hybrid and native apps.
- Utilized **UIAutomator**, XPath, and accessibility IDs for stable element identification.
- Executed tests on real devices and emulators using **ADB** and **DesiredCapabilities**.

Desktop Application Automation

- Automated Windows applications using **WinAppDriver**, **UIAutomation**, and XPath locators.
- Developed utilities for file uploads, modal dialogs, dropdowns, and data tables handling.

General QA & Test Engineering

- Strong understanding of STLC, Agile (Scrum), defect life cycle, and QA best practices.
- Created test plans, traceability matrices, and managed test cases using **JIRA** and **TestRail**.

INTERNSHIP EXPERIENCE

QuantumBit Technologies Pvt. Ltd. Mar 2022 – Oct 2023
Software Developer Intern *Gurugram, Haryana*

- Developed and maintained RESTful APIs to support frontend applications and microservices.
- Implemented business logic using Java, Spring Boot, and Hibernate while ensuring code maintainability.
- Designed and optimized relational (MySQL, PostgreSQL) and non-relational (MongoDB) databases.
- Ensured secure coding practices, including authentication, authorization, and data encryption.
- Handled the database and created a responsive front-end using **HTML, CSS, and JavaScript**.

PROJECTS

Doctor Appointment System – Full Stack Healthcare App **Mar 2022**
- Built full stack web app with Java, **Spring Boot**, and frontend using **HTML/CSS/JavaScript**.
- Implemented role-based access (admin, doctor, patient) using **Spring Security**.
- Deployed on **AWS EC2** with **RDS**; developed REST APIs and global exception handling.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript
- **Automation Tools:** Selenium, Playwright, Appium, WinAppDriver, REST Assured, TestNG, Cucumber, BDD
- **Databases:** MySQL
- **DevOps/Tools:** JMeter, Postman, Jenkins, Maven, Git, GitHub, GitLab, IntelliJ, VS Code

CERTIFICATIONS

Bootcamp - Geekster
- Solved 300+ DSA problems. Built backend projects with Java, Spring Boot.
- Certified in SQL and Git.