

# Ganesh Kodimoju

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## PROFESSIONAL SUMMARY

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Innovative and detail-oriented QA Automation Engineer with 3+ years of proven expertise in designing and executing robust automation solutions for ERP and eCommerce web applications. Adept at building scalable frameworks using Selenium WebDriver (Java) and TestNG, integrating automation into CI/CD pipelines (Jenkins), and optimizing testing efficiency in Agile/Scrum environments. Skilled in API testing (Postman) and performance validation (JMeter) to ensure system reliability and scalability under high load.

## WORK EXPERIENCE

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### QA Automation Engineer

Jun 2022 – Present

*Veramasa IT And Education Consultancy Pvt Ltd*

- Designed and implemented hybrid automation frameworks using Selenium WebDriver, TestNG, and POM, reducing maintenance time by 25%
- Automated 200+ functional and regression test cases across ERP and eCommerce web applications, enhancing test coverage and reducing manual effort by 40%
- Integrated automation suites into Jenkins pipelines, enabling nightly builds and improving release readiness by 20%
- Conducted API testing in Postman for invoice generation, GST filing, e-invoicing, and e-way billing workflows, identifying 15+ critical defects early in testing
- Performed SQL-based backend validation for ledgers, transactions, and reports, ensuring financial data integrity before production release
- Executed performance testing with JMeter to evaluate system stability under high-volume transactions
- Collaborated closely with developers and business analysts in Agile sprints, improving overall defect resolution efficiency by 20%

## PROJECT HIGHLIGHTS

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### eCommerce Gas Refill Automation Project

*B2B & B2C Platform*

Performed end-to-end automation testing for a gas refill web application catering to commercial customers. Automated customer workflows including login, product search, cart management, order placement (COD & credit), and payment confirmation. Designed and executed data-driven test cases for validating order creation, billing accuracy, and transaction logs. Implemented a modular automation framework using Selenium, TestNG, and POM integrated with Jenkins for CI/CD execution. Validated backend consistency using MySQL queries, ensuring accurate order reflection and stock updates.

### Gas Distribution ERP Automation Project

*ERP System*

Automated workflows for inventory, sales, purchase, cash & bank operations, GST filing (GSTR-1), payroll, and financial reporting. Integrated automation framework with Jenkins CI/CD for nightly regression builds, reducing manual regression efforts by 30%. Validated backend ledgers and transactions through SQL queries, identifying and resolving 10+ data integrity issues pre-release. Improved release quality by automating critical regression workflows, achieving 25% fewer post-release defects.

**Insurance Web Application Automation Project**

*Policy Management*

Automated functional and regression test suites for policy management and claims modules using Selenium WebDriver (Java). Implemented POM-based framework, improving script reusability and reducing maintenance efforts by 20%. Performed cross-browser compatibility testing across Chrome, Firefox, and Edge.

EDUCATION

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2015 - 2019    B.Tech at **Malla Reddy Institute of Technology**, Hyderabad

CORE COMPETENCIES

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Automation Testing	Selenium WebDriver, TestNG, Page Object Model (POM), Data-Driven Framework
API & Performance	Postman, Apache JMeter
Programming	Java, MySQL, Apache POI (Excel/CSV handling)
CI/CD & Version Control	Jenkins, Maven, GitHub
Testing Types	Functional, Regression, Sanity, Cross-Browser, UI, Database Testing
Agile Tools	Jira, Agile/Scrum Methodology