



Viplove Bisen

Principal Engineer

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SUMMARY

Principal-level Automation & Quality Engineering leader with 12+ years of experience in QA Automation, Mobile Testing, API Testing, Database Testing, Performance Testing, and AI-driven automation solutions. Strong expertise in building scalable automation frameworks, leading enterprise QE initiatives, and delivering Agentic AI-based automation POCs.

Experienced in pre-sales engineering, CI/CD integration, cross-platform automation architecture, and mentoring large QE teams. Currently focused on QE innovation, autonomous testing workflows, and AI-assisted automation platforms.

TECHNICAL SKILLS

- Programming Languages: Java, Python, SQL, VBScript, JavaScript/TypeScript, Kotlin, Swift, C#
- Automation Tools: Selenium, Appium, Rest Assured, Playwright, Cypress, Espresso, XCUITest, Maven, Gradle
- Testing Frameworks: TestNG, JUnit, Cucumber, BDD, TDD, Pytest, Serenity, Qmetry, Craft
- Performance Testing: JMeter
- DevOps & CI/CD: Azure, GitLab CI, Jenkins, Docker, AWS (EC2 & S3), GitHub Actions
- API Tools: Postman, Newman, Swagger, SoapUI
- Version Control: Git, GitLab, GitHub
- IDEs: IntelliJ IDEA, VS Code, Eclipse, PyCharm, Jupyter
- Project Tools: Rally, ALM, QTest, Jira, Confluence, TestRail
- Databases: Oracle, MySQL, ETL Testing
- AI & Automation Platforms: AAVA Platform, MCP Automation, GitHub Copilot
- Backend Technologies: Node.js

PROFESSIONAL EXPERIENCE

Principal Engineer

Ascension, Hyderabad (March 2025 – Present)

Core member of the QE Circle Team responsible for building next-generation QA solutions, executing POCs for enterprise clients, and driving AI-led automation innovation across the organization.

- Designed and delivered multiple Agentic AI-based automation POCs for enterprise clients.
- Built end-to-end autonomous testing workflows using the AAVA platform.
- Conducting continuous R&D in AI-assisted testing and automation engineering.
- Acted as Customer Engineer supporting pre-sales engagements and client demos.
- Built and mentored automation teams for POC initiatives across the organization.
- Led and mentored a QE team of 20+ engineers, providing technical direction and automation strategy.

HP QE Automation & Framework Leadership

- Worked extensively on the HP QAMA Framework, a Linux-based automation orchestration framework supporting cross-platform execution across Windows machines, Android devices, iOS devices, and macOS systems.
- Enabled automation execution using Selenium and Appium via remote drivers.
- Delivered automation at scale by automating approximately 100 test cases per week using the AAVA platform.
- Led HP QE initiatives including the Consolidated Portal project, automating functional workflows using Cypress (100+ test cases).

Client POCs & Agentic Automation Initiatives

- Delivered mobile agentic automation POC for DICK'S Sporting Goods using Espresso (Kotlin) and XCUITest (Swift).
- Designed automation architecture capable of executing 1000+ test cases.
- Integrated CI/CD pipelines and LambdaTest execution.
- Built SDLC automation POC for Santander Bank using AAVA orchestration.
- Developed AI-assisted Playwright MCP automation POC for Endpoint Clinical.

Technical Lead SDET

Vertafore, Hyderabad (March 2021 – March 2025)

- Led QA automation for AMS360 insurance management platform.
- Built automation using Serenity BDD, Selenium (Java), Playwright (Python), RestAssured, and Windows Appium Driver.
- Conducted POCs using Playwright (TypeScript) and Cypress (JavaScript).
- Implemented CI pipelines using GitLab CI and AWS runners.
- Improved test execution time by 25% through automation optimization.
- Mentored QA engineers transitioning from manual to automation testing.
- Integrated reporting with ReportPortal.IO.
- Conducted code reviews and improved framework scalability.

System QA Sr Analyst

Wells Fargo, Hyderabad (September 2016 – March 2021)

- Automated Contact Management and E-mail Express applications using Selenium WebDriver and UFT.
- Configured Jenkins CI pipelines for automation execution.
- Implemented SQL validations for backend verification.
- Reduced test creation time by 15% using reusable automation libraries.

Systems Engineer

Tata Consultancy Services, Hyderabad (January 2014 – September 2016)

Client: Xerox

- Performed functional, database, integration, and mobile testing.
- Automated test scripts using Selenium WebDriver and Appium.
- Conducted SOAP service testing and ETL validations.
- Collaborated with clients to clarify requirements and resolve defects.

EDUCATION

Bachelor of Engineering — Electronics & TelecommunicationsSSGMCE, Shegaon (2009 – 2013)

CERTIFICATIONS

ISTQB Certified Tester — 2019

ACCOMPLISHMENTS

- Ascendion CEO Recognition Award
- Ascendion Spotlight Award
- Star of the Year — Vertafore (2022)
- Wells Fargo Champion Award (2019)
- Star of the Month — Wells Fargo (2019)