

BINDU KAKARLA

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LEADER, SOFTWARE ENGINEERING

LEADING TOP TEAMS TO DESIGN AND DEVELOP NEXT-GENERATION PRODUCTS AND SOLUTIONS

TECHNICAL PROJECT MANAGEMENT ■ PEOPLE MANAGEMENT ■ SAAS & CLOUD-BASED SOLUTIONS

DYNAMIC AND TRANSFORMATIONAL LEADER with expertise leading top technical teams to design and develop multi-million-dollar project initiatives for startup through enterprise organizations. Influential thought leader recognized for managing the delivery of scalable customer-facing products. Foster a culture of collaboration and innovation driving the execution and delivery of continuous improvements throughout the software development lifecycle.

KEY STRENGTHS: Technology Solutions | QA & Automated Testing | AWS/GCP | Leadership & Development | Agile Methodologies | Web/Cloud Architecture | REST Product Development | Cross-Functional Collaboration | Distributed Systems | Strategic Planning/Roadmaps

TECHNICAL PROFICIENCIES

Selenium, Java, JavaScript, Cucumber, Gherkin, Typescript, Nodejs, Javascript, Angular, Robot framework, Mocha, WebDriverIO, Docker, Kubernetes, RestAssured, GIT, JIRA, Jenkins, TestNG, JMeter, TestRail, Python, JUnit, Postman, Agile, GCP, AWS, Mongo DB, Oracle, MySQL, SOAP UI, ReadyAPI, SQL/PLSQL, Artifactory, Kubernetes, Tomcat, Jenkins, Scrum/agile methodologies

CAREER HIGHLIGHTS

Veeva Systems | Pleasanton, CA | Mar 2021 – Present

Engineering Manager in Test

Guide the strategic direction to accelerate operational, technology, and team performance while bridging the gap between development and operational initiatives by leading CDMS (Clinical Data Management System, HIPAA compliant SaaS healthcare product) wide software test automation streamlining UI, API test automation speed by 90% for regression suite development across all modules.

- ♦ Defined and implemented global, unified QA processes, test tools, automation improvement and common quality measurement KPI
- ♦ E2E Testing and automation (Cross functional, regression and integration testing)
- ♦ Optimized teams' productivity to expand ROI by increasing the velocity to 90% and thereby rapidly expanding the coverage of automation suite from 1200 to 3000+ automation tests
- ♦ Architected and guided team to build REST Webservice API test framework for CDMS APIs increasing stability of the CDMS healthcare application and reducing the regression execution time and bugs
- ♦ Guide team to enhanced UI automation framework for Smoke, Regression, BAT suites using Selenium, Java, and TestNG.
- ♦ Improved the automation library usability by introducing Cucumber and Gherkin language for test scenarios
- ♦ Introduced Sealights SaaS code coverage tool to CDMS team and improved the effectiveness of automation tests by identifying and implementing tests for product code coverage
- ♦ Incorporated Vagrant virtual software tool setting up development environment and enhancing speed of automation tests development and execution
- ♦ Expanded automation coverage for new product modules by hiring offshore and onshore resources

Symphony Communications | Palo Alto, CA | Feb 2015 – Feb 2021

Quality Engineering Manager

Symphony Communications provides a secure collaborative SaaS platform for financial firms. It provides encryption, group messaging, rich content sharing and is used by all major US and European banks like Bank of America, Citi, JPMorgan, Credit Suisse, Deutsche Bank, Wells Fargo etc.

- Built and mentored 50+ QE team across different product lines and client interfaces
- Lead team to build Mocha, WebdriverIO, Typescript, Nodejs, Javascript based automation framework for automating Symphony 2.0 Angular application features increasing test automation coverage from 20% to 85%
- Architect and develop Robot UI test framework for Symphony Client 1.5 release of the product
- Built Selenium Java UI test automation framework from ground up for the Symphony Client 1.0
- Spearhead effort to setup Sikuli tool for automating Chromium based Symphony desktop
- Initiated effort to setup QA environments on AWS to scale and optimize utilization of test pods and improve ROI
- Improved response time, stability of product by load, stress performance testing with JMeter for every release.
- Achieved 100% module level test coverage with REST API test automation using JBehave
- Train QE teams, review automation PRs and provide feedback for global teams.
- Setting up process for release regression plans and testing cycles across product
- Monitoring Jenkins regression suites and reports and planning for stabilization of test suites
- Release signoff of Symphony product suite for each monthly release
- New features test plan, test strategy and gating criteria for releases
- Structured and executed test infrastructure objectives and led team to setup multiple Jenkins CI/CD test automation environments.

ABB | Santa Clara, CA | Apr 2012 - Jan 2015

Senior QE Consultant (Infovista)

Provided software development solutions for consulting company serving electric power, large-scale renewables integration, and energy restructuring. .

- Implemented automation regression test suites and test scripts for Outage scheduler system
- Lead and mentor QE members on using the application and test automation framework
- Developed Selenium UI automation suites for various Outage scheduler lifecycle workflows
- Implement API test cases for validating Outage Scheduler REST APIs
- Manual tested and automated different outage scheduler lifecycle events
- Maintain multiple Jenkins pipelines and verify test results for all nightly regression runs
- Collaborate with Product manager and development team to create business critical tests
- Created and maintained Test plan and test strategy documents for the product
- Perform UAT testing of the Outage scheduler along with support team from ERCOT systems

Jaypar, Inc. | Fremont, CA | Mar 2009 – Feb 2012

Quality Engineer

- Developed UI test automation scripts for britevision.com web application using QTP
- Implemented test scripts for web services that retrieve data from Sales Force Systems using Apache Axis
- SQL script testing for business intelligence reports developed for various medications given to patients
- Used Bugzilla for reporting and tracking bugs
- Monitored and report daily regression automation runs using Hudson
- Test and verify complex Business Intelligence reports using Crystal Reports tool adhering to HIPAA standards regarding various medications given to patients and their schedules

EDUCATION & CERTIFICATIONS

Bachelor of Technology (Electronics and Communication) | JNTU UNIVERSITY | India