ARJUN RAJU

SOFTWARE DEVELOPMENT ENGINEER IN TEST II

Exhibit a proactive and meticulous approach as a Software Development Engineer in Test, emphasizing quality assurance and innovative testing methodologies to enhance software performance and user satisfaction.

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⚙️ CORE COMPETENCIES

Quality Assurance Strategies
Software Testing Life Cycle
Agile Methodologies
Test Automation Frameworks
Performance Optimization
Defect Management
QA Plan & Strategy
Project & Product Management
Regression Testing
Automation & Manual Testing
Process Improvement
Test Planning & Execution
Test Cases & Scenarios
Test Documentation
User Acceptance Testing (UAT)
Defect Lifecycle Management
Risk Management in Software Testing

SOFT SKILLS

Leadership ▪▪▪▪▪

Team Collaboration ▪▪▪▪▪

Problem Solving ▪▪▪▪▪

Result Oriented ▪▪▪▪▪

EDUCATION

2015: B.Tech. (Information Technology), College of Engineering, Kidangoor

PERSONAL DETAILS

Languages: English, Malayalam
Address: Edathiruthy PO Thrissur, Kerala,680703

DOB: 20th December 1993

👤 PROFILE SUMMARY

- **Experienced Senior QA Engineer** with 9.5 years of expertise in manual and automated testing across Android, iOS, and web platforms, driving quality assurance in fast-paced, Agile environments.
- **Proficient in Automation Tools** including Selenium, Cypress, JMeter, and Postman, ensuring enhanced test coverage, increased efficiency, and faster release cycles.
- **Skilled in Backend and API Testing**, utilizing tools such as Postman, JIRA, Charles Proxy, and Kafka to perform robust API validation and ensure system integration reliability.
- **Expert in Performance Testing** using tools like JMeter to evaluate system scalability, load, and stress, optimizing the platform's performance under high traffic.
- **Proven Leadership** in spearheading migration projects (e.g., Paytm Movies to Zomato District), ensuring seamless transitions, data integrity, and minimal user disruption.
- **Strong Cross-Functional Collaboration**, working closely with development, DevOps, and product management teams to identify and resolve defects, ensuring high product quality.
- **Automation and Efficiency Champion**, having successfully developed test automation frameworks and scripts (Java, JavaScript, Shell Scripting, Cypress) to automate routine tasks and reduce manual efforts by 40%.
- **In-Depth Knowledge of SDLC and Agile Methodologies**, with experience in UAT, regression testing, defect management, and continuous integration (CI) to maintain product stability and performance.

💼 TECHNICAL SKILLS

- **Testing Tools & Frameworks:** Selenium, Cypress, Appium, JMeter, Postman, Charles Proxy, Testlink, Redmine, Jira
- **Automation & Scripting:** Java, JavaScript (5+ years), GoLang, Shell Scripting, Continuous Integration (CI)
- **API & Backend Testing:** RESTful APIs, Microservices Architecture, API Automation and Testing (Postman, JMeter)
- **Performance & Load Testing:** Load Testing, Stress Testing, Performance Testing (JMeter)
- **Version Control & Collaboration:** Git, Docker Containers
- **Database & Data Management:** SQL, Data Validation, Database Migration (DynamoDB to PostgreSQL)
- **Other:** Microservices, Kafka (smart movie archival testing)

💼 PROFESSIONAL EXPERIENCE

Apr'25-Present | Lead QA Engineer | Xoriant, Bengaluru
Responsibilities:
- Leading performance and automation testing initiatives for web and API Platforms
- Utilizing Artillery for load and stress testing to ensure application scalability and performance
- Developing and maintaining automation scripts using Jest Framework, improving test efficiency and coverage
- Collaborating with cross-functional teams to implement robust QA strategies for faster and more reliable releases
- Driving defect prevention and resolution through proactive performance monitoring and root cause analysis

Aug'24- Feb'25 | SDET II | Zomato (District), Bengaluru
Responsibilities:
- Orchestrating the end-to-end migration of Paytm Movies to Zomato District, meticulously planning and executing testing strategies to ensure minimal disruption and a seamless user transition.

- Leading testing initiatives for the District by Zomato Movies platform, covering Android, iOS, web, and mobile web applications, ensuring comprehensive quality assurance across all platforms.
- Formulating and executing detailed migration testing strategies, including data validation, API compatibility assessments, and extensive regression testing to ensure system stability and reliability.
- Conducting rigorous backend API testing and database validation, proactively identifying and resolving critical issues before deployment to enhance overall system performance.
- Developing and executing data migration test cases to ensure accurate transfer of booking history, user preferences, and transactional data from Paytm Movies to the new platform.

- Directing integration testing for third-party payment gateways, loyalty programs, and discount mechanisms, ensuring a seamless and user-friendly experience post-migration.
- Automating data integrity and reconciliation tests, validating the accuracy and consistency of data between legacy and new systems, ensuring enhanced data reliability.
- Creating and maintaining test automation frameworks, increasing test coverage by 40% and reducing manual testing efforts, while implementing performance testing strategies to identify post-migration bottlenecks.
- Leveraged JIRA, Postman, Charles Proxy, Jenkins, and cloud technologies to streamline testing processes, enhancing overall efficiency and project delivery.
- Automated routine tasks using JavaScript and Cypress, significantly improving productivity, consistency, and accuracy in test executions, while providing post-migration support for monitoring and issue triaging to ensure system stability post-launch.

Feb'22- Aug'24 | Senior QA Engineer | Paytm, Bengaluru
Responsibilities:
- Directed comprehensive testing initiatives for the Paytm Movies platform, ensuring high-quality delivery across Android, iOS, web, and mobile web applications through meticulous testing processes.
- Established robust testing strategies and methodologies utilizing advanced tools such as JIRA, Postman, and Jenkins, driving a 20% reduction in post-release defects.
- Conducted extensive backend API testing, identifying and resolving critical issues to ensure seamless functionality and optimal user experience.
- Managed end-to-end testing efforts for Paytm's movie booking platform, ensuring a consistent and user-friendly experience across all application interfaces.
- Executed rigorous testing of Android and iOS applications, backend APIs, and seller panels, enhancing the platform's overall quality and reliability.
- Collaborated with development teams to identify, prioritize, and resolve issues, significantly elevating product quality and user satisfaction.
- Leveraged tools such as JIRA, Postman, Charles Proxy, and Jenkins to streamline testing processes, improving efficiency and effectiveness across multiple platforms.
- Developed and maintained test automation frameworks, optimizing testing efficiency and reducing manual efforts, while utilizing cloud technologies to ensure scalable and reliable test environments.

Oct'15- Feb'22 | Senior QA Engineer | QBurst Technologies, Thiruvananthapuram
Order History Platform
Responsibilities:
- Spearheaded testing and support for the order/purchase history platform of a billion-dollar e-commerce site, managing large volumes of data across various regions to ensure system stability.
- Executed comprehensive manual testing, API validation, and performance testing using tools like JMeter, JIRA, Redmine, Testlink, Postman, and Selenium, ensuring the delivery of high-quality results.
- Provided critical feedback on system performance and scalability, driving optimizations to the platform architecture and design for an improved user experience.
- Served as a liaison between development, QA, and business teams, aligning testing efforts with business goals and user needs for efficient project delivery.
- Utilized SQL queries to validate data integrity and accuracy within extensive datasets, ensuring reliable data management and reporting while leveraging Linux commands for server-side testing and troubleshooting.

Wishlist Platform
Responsibilities:
- Supervised and tested the wishlist feature for a globally accessible e-commerce platform, overseeing the management and transfer of wishlist data for users.
- Conducted thorough manual testing, API validation, and performance evaluations to ensure the wishlist functionality's reliability and scalability.
- Managed the transition of database infrastructure from DynamoDB to PostgreSQL, ensuring a seamless process with minimal impact on operations.

- Collaborated with cross-functional teams to collect requirements, define test scenarios, and prioritize testing efforts in alignment with business objectives.
- Utilized proxy tools like Charles Proxy to intercept and debug network traffic, ensuring effective and secure API interactions.

Space ERP System

Responsibilities:

- Delivered essential support for the testing and overhaul of an all-in-one ERP system, addressing both internal and external organizational needs.
- Performed comprehensive manual testing, identifying defects, reporting issues, and verifying fixes to ensure the ERP system's stability and reliability.
- Contributed to system enhancement projects by offering valuable feedback and insights to optimize user experience and overall functionality.
- Facilitated user training and the adoption of the ERP system, helping to boost efficiency and productivity across the organization.