

MAHESH NANDENNAGARI

QA ENGINEER

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CAREER SUMMARY

Experienced Senior QA Test Lead with over 16 years of expertise in quality assurance and software testing. Proficient in various testing methodologies and automation tools. Adept at analyzing, creating, executing, and maintaining automated test cases. Strong background in preparing test documentation and presenting test results. Fluent in English and conversational in German. Proven ability to work independently and adapt to changing environments, with strong communication and critical thinking skills.

EXPERIENCE

Infosys Ltd, Bangalore, Karnataka

Senior Technical Lead

7/2019 - 9/2022

- Analyzed user behavior and conversion reports along the checkout funnel.
- Implemented upload inquiry and batch menus with meticulous attention to detail.
- Prepared comprehensive High-Level Design (HLD) and Low-Level Design (LLD) documents for FX handling, Order Cycle, and Broker Fee enhancements.
- Created optimized SQL statements and dynamic Jasper reports for insightful data visualizations.
- Demonstrated expertise in issue resolution, debugging, and ensuring rigorous unit testing.
- Created test cases, test scenarios, and test steps for various modules in WMS.
- Performed web-based UI testing, API testing using Postman, and various testing types including smoke, integration, regression, and UAT.

Infosys Ltd, Bangalore, Karnataka

QA Test Lead

12/2016 - 07/2019

- Prepared test plans and provided test reports, weekly status updates, and daily and weekly reports.
- Implemented automation test scripts for functionality, stability, and performance using client tool scripeter.
- Conducted remote testing of HZN3 and D4A STBs using automation server and Bentham tool.
- Automated testing with Robot Framework using Python and managed defects and test cases using JIRA.

L&T Technology Services, Bangalore, Karnataka

Project Lead

07/2013 - 06/2016

- Designed the DMP architecture and implemented DTCP/IP Native Player and Gstreamer pipeline for testing.
- Developed DTCP/IP Core Software for Android and Linux and implemented HTTP Protocol layer.
- Created DLNASRC and DTCP/IP Gstreamer plugins.

L&T Technology Services, Bangalore, Karnataka

Senior Software Engineer

03/2011 - 07/2013

- Designed DMP architecture and implemented Wi-Fi Display Native code to support All share Cast using Tis HWC Codecs.
- Fixed bugs and implemented MPEG4 RTSP file

Aricent Technologies, Bangalore, Karnataka

Senior Developer

06/2006 - 02/2011

- Implemented Media Player and Metadata Retriever applications for media playback and metadata.
- Developed Aricent's Media Framework comprising parser, decoder, and renderer components.

EDUCATION AND TRAINING

National Institute of Technology, Calicut, Kerala

08/2004 – 05/2006

Master of Engineering & Technology Management in Digital Electronics and Communications

Institute of Technology, Sri Kalahasti, Andhra Pradesh

12/2000 – 05/2004

Bachelor of Engineering in Electronics and Communications

SKILLS

- QA Testing Tools (Robot Framework, Postman, Selenium): Proficiency in using these tools for automated testing, API testing, and web application testing to ensure software quality.
- Testing Methodologies (Manual & Functional, Integration, System, E2E, Acceptance, and Performance): Expertise in various testing approaches to validate software functionality, performance, and user requirements.
- Programming Languages (C, C++, C#, HTML5, SQL, Python, Java, JavaScript, Finacle Scripts): Ability to write and understand code in multiple programming languages, facilitating effective testing and automation.
- Agile Methodologies: Experience with agile frameworks for iterative and collaborative software development and testing processes.
- Problem Solving Skills: Strong capability to identify issues, analyze root causes, and develop effective solutions to complex problems.
- Test Automation Tools: Knowledge of tools and frameworks used to automate repetitive testing tasks, increasing efficiency and coverage.
- Analytical Skills: Ability to assess data and systems critically to identify trends, anomalies, and opportunities for improvement.
- Communication Skills: Proficient in conveying information clearly and effectively to various stakeholders, ensuring mutual understanding and collaboration.
- Cooperative Behavior: Skilled in working collaboratively with team members and other departments to achieve common goals.
- Critical Thinking: Ability to objectively evaluate situations and information to make reasoned judgments and decisions.
- Initiative and Practical Experience: Proactive in taking action and applying hands-on experience to drive project success and process improvements.
- Soft Skills (Problem-solving, Strategic Thinking, Continuous Learning, Teamwork, Soft Skills)
- Collaboration and teamwork, Organizational skills, Problem-solving and critical thinking, Time Management, Adaptability): A combination of interpersonal and personal development skills that enhance professional effectiveness and adaptability in various situations.

LANGUAGE(S)

- English: C2
- Telugu: C2
- Hindi: C2
- German: B1

PROJECTS

- **Finacle Core Banking:** QA testing and automation testing on European Set Top Boxes.
- **DTCP Core Software for Android:** Implemented Wi-Fi-Display with All Share Cast on Galaxy S3.
- **Media Expo on Android:** Developed Aricent's Media Framework.