# Ambika Raj
## Software Test Engineer

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*Experienced Software Test Engineer with a proven track record in elevating software quality through advanced testing methodologies and API automation. Targeting senior level roles to lead and innovate quality assurance strategies.*

## Profile Summary

- **Competent Software Test Engineer with over 5+ years** of experience in the Software industry, specializing in software testing and quality assurance, with a strong focus on Manual Testing , API automation and ETL Testing.
- **Expertise in Healthcare Applications:** Currently working at Starmark Software Pvt. Ltd., playing a pivotal role in designing and testing healthcare applications to ensure top-notch quality and compliance with industry standards.
- **Comprehensive Testing Methodologies:** Proficient in Functional Testing, Integration Testing, and Regression Testing, with advanced skills in API Testing, ETL Testing and database validation, ensuring thorough test coverage and reliability.
- **Strong Analytical and Problem-Solving Skills:** Skilled at identifying and resolving defects through collaborative efforts with diverse teams, contributing to smooth project execution and enhanced client satisfaction.
- **In-depth Knowledge of SDLC and STLC:** Extensive understanding of software testing life cycles, enabling the development of effective testing strategies and the identification of critical testing scenarios.
- **Proficient in Advanced Testing Tools:** Skilled in utilizing tools like Postman for API Testing, Informatica for ETL testing, SQL for database validation, and JIRA for defect management, ensuring scrupulous documentation and defect tracking.
- **Cross-Functional Team Collaboration:** Showcased capability to work effectively with cross-functional teams, including developers and product managers, to align on project goals, foster a culture of quality, and drive continuous improvement.

## Core Competencies

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| Software Development Lifecycle | Risk Assessment | Software Testing Lifecycle |
| User Acceptance Testing (UAT) | Agile Methodologies | Test Case Design and Execution |
| Defect Management Processes | Performance Testing Principles | Continuous Integration Practices |
| Cross-Functional Team Collaboration | Quality Assurance | Defect Lifecycle Management |

## Work Experience

### Apr'2022 to Present': Software Test Engineer at Starmark Software Pvt. Ltd., Bangalore

**Domain:** Healthcare
**Project:** VitalAdmin
**Tech Stack:** Azure DevOps, TFS, SQL , Windows 11

**Role:**
- Engaging in comprehensive analysis of user requirements, translating them into actionable test cases to ensure alignment with project objectives.
- Participating actively in Sprint Retrospection meetings, contributing insights to enhance team performance and project outcomes.
- Conducting detailed test estimations and developing Test Summary Reports, facilitating informed decision-making for project stakeholders.
- Executing database testing using SQL Developer, ensuring data integrity and accuracy across various application modules.
- Performing rigorous API Testing utilizing Postman, validating the functionality and reliability of application endpoints.
- Delivering presentations to stakeholders, showcasing application functionalities and gathering feedback for continuous improvement.
- Developing and maintaining comprehensive test documentation, including test plans and test cases, ensuring clarity and consistency in testing processes.

### Dec'2019 to Mar'2022: Software Test Engineer at BigDataLogin Alpha Omega Pvt. Ltd., Bangalore

**Role:**
- Analyzed project requirements and crafted detailed test scripts for APIs, ensuring comprehensive coverage of all functionalities.
- Executed API test scripts and generated detailed reports, providing insights into application performance and areas for improvement.

- Developed functional documents for respective modules, leading training sessions to enhance team knowledge and collaboration.
- Conducted training sessions for team members on best practices in API testing, fostering a culture of knowledge sharing and continuous improvement within the team.

**Apr'2018 to Nov'2019: Software Engineer at Pingtel Network Solution Pvt. Ltd., Bangalore**
**Project:** SaBRO Communications

**Project:** Donation
**Client:** Humanity First (UK)
**Role:**
- Collaborated with cross-functional teams to gather requirements and develop functional specifications for the application.
- Identified and executed API test scripts, generating reports to assess application performance and reliability.
- Conducted various testing phases, including functional, integration, and regression testing, ensuring comprehensive validation of application features.
- Prepared and executed test cases, precisely documenting results to facilitate effective tracking and resolution of defects.
- Assisted in the design and implementation of testing frameworks that improved the efficiency of testing processes across multiple projects.
- Engaged in continuous learning and adaptation of new testing tools and methodologies, ensuring the team remained at the forefront of industry standards.

## Education

- **Bachelor of Technology (B.Tech.)** in Information Technology from WIT, Darbhanga, Bihar in **2017**

## Technical Skills

- **Programming Languages:** Core Java, HTML
- API Testing using Postman
- ETL Testing using Informatica
- SQL Developer for Database Testing
- Azure DevOps for Project Management
- Expertise in Defect Life Cycle Management
- Extensive experience in Manual Testing techniques
- Advanced skills in Functional and Non-Functional Testing
- Proficient in Mobile Testing methodologies
- Familiar with various Operating Systems including Windows 10 and 11

## Certification

- Tricentis Tosca certification | **2024**

## Personal Details

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| **Date of Birth** | : 13th September 1995 |
| **Languages Known** | : English, Hindi |
| **Address** | : Bangalore – 560076, Karnataka |