

SAI ROHIT VOLETI

SOFTWARE ENGINEER

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GitHub:- [Sai-Rohit \(Rohit\)](#)

Profile Summary:

An enthusiastic Full Stack developer with 2 years of professional experience in software development and testing in enterprise front-end applications using C# .Net, Java framework and Maven. Gained proficiency in Java, JavaScript, Python, TypeScript, Angular and React JS, with a strong foundation in software development, including agile methodologies. Possess in-depth knowledge and development experience in Webservice & Spring Boot Microservices, Application development, and Web Based Applications. Expertise in object-oriented programming concepts, data structures, algorithms, and design patterns. Worked in collaborative development and managed code repositories by overseeing branching, merging, and resolving conflicts, as well as following senior developers' code reviews.

Key Experiences:

- Developed & integrated Java applications with 3rd party APIs & web services during front-end development.
- Designed and implemented user interfaces using HTML, CSS, and JavaScript frameworks like Angular.
- Wrote queries, stored procedures, and database scripts to manipulate and retrieve data.
- Optimised code, database queries, and network requests to improve application speed and scalability.
- Documented technical specifications, architecture diagrams, and codebase wiki to facilitate collaboration.
- Charted automation test scripts for labour saving using Selenium, Groovy and Java.
- Conducted regression testing to ensure software stability and quality while automating critical test cases using Selenium and TestNG frameworks.

Skills Summary:

Core Skills: Continuous Integration/Continuous Delivery, Web Technologies, Application Development, Version Control, Debugging & Testing, Object-Oriented Programming, Code Reviews, and API & Microservices Development

Technical Skills: Front end: Selenium, C / C++, Java, Python, Go Lang, C#.NET, XSLT, XML, JQuery, Javascript, React JS, Angular JS, HTML, CSS, and Ajax; **Back end:** MySQL, PostgreSQL, MS SQL Server, MS Office Suite, ASP.NET, SWAGGER, Git, and GROOVY

Frameworks: Spring, Spring Boot, and Maven

Version Control: Git

Testing: Selenium, JUnit, TestNG

Other: RESTful APIs, Microservices, CI/CD, Agile methodologies

Professional Experience:

Software Engineer

Openjaw Technologies, Dublin, Ireland

Jan'23 – Mar'24

A Software Engineer at Openjaw Technologies, working for world-famous airlines on their holiday rewards webapp.

- **App Development:** Created and implemented 3 features using java & web programming dividing webapp into smaller, loosely coupled services that can be authenticated, requested, developed, deployed, and scaled.
- **Automation Testing:** Wrote unit tests, integration tests, and automated tests to ensure the quality and reliability of the developed code like using testing frameworks JUnit or TestNG and practising TDD principles.
- Utilized Agile and Scrum methodologies for project management and testing, ensuring efficient workflow and collaborative development process.
- **Debugging:** Conducted thorough testing of front-end components, functionalities, and interactions across 3 different browsers & devices, as well as debugging issues to ensure consistent performance and functionality.
- Collaborated closely with back-end developers to integrate front-end components with server-side logic and database systems and with UI/UX designers to ensure design feasibility and implementation fidelity.

- **Design to Develop:** Developed and implemented features for both front-end and back-end components of the airline holiday rewards webapp using Java and Web programming
- Created and implemented back-end features for booking functionality, enhancing the overall user experience and system efficiency.
- Utilized Java, Spring Boot, and RESTful APIs to build robust back-end systems supporting the booking process.
- Developed front-end components using HTML, CSS, JavaScript, XML and XSLT ensuring responsive and interactive user interfaces for the holiday rewards webapp.
- Evaluated logs and test results to investigate software errors, highlighting causes to help developers create fixes; cross-checked test results against existing software bugs to highlight testing gaps for future tests.
- **Tech Used:** Built and developed applications using technologies such as Java, Data Structures, JSP, XSLT, XML, HTML, CSS, JAVASCRIPT, jQuery, and My SQL, and further tested, fixed bugs, and supported end-user testing.
- **Databases:** Utilised and maintained databases such as SQL DB, including creating schemas and ensuring efficient data storage and retrieval, reflecting my database configuration and management proficiency.

Achievements:

- Received a pat on back for realising a critical holiday feature from requirements in development in 2 weeks.

Software Engineer

Solverminds Solutions and Technologies

Oct'20 – Oct'21

A Software Engineer at Solverminds, supporting the building of back-end Java applications for an international shipping client.

- **Enterprise Apps:** Collaborated with a team of 9 developers to build an enterprise application for a shipping company using Java framework & Maven, using Java, MVC, Data structures, XHTML, CSS, Ajax, and JavaScript.
- **Project Management:** Trained in project management skills such as SDLC, Agile, Scrum and in technologies such as Java, Javascript, HTML, CSS, React & other required technologies for software development projects.
- **Test Cases:** Developed and executed detailed test cases covering various scenarios, including positive and negative test cases, based on user stories and requirements to meet client requirements.
- **Testing:** Conducted regression testing to ensure new features do not negatively impact functionalities and automated repetitive and critical test cases, working in conjunction with the Development team.
- Developed and revamped webpages using HTML and CSS; developed SQL queries in Python to store and retrieve data from MySQL regarding bug status dynamically; troubleshoot and debugged errors in the webapp.
- Optimised application performance by minimising load times, reducing server response times, and efficiently using resources in software development teams with 90% schedule success of team sizes varying from 3 to 9.
- **Code Delivery:** Ensured timely delivery of the assigned tasks using JIRA for deployment after thorough testing, meeting the acceptance criteria and definition of done in scrum framework setup.

Education:

M.Sc. - Software Engineering

2021 – 2022

University Of Limerick, **Grade:** 2.1

B. Tech - Information Technology with IBM Cloud Computing and Mobile-based application

2016 – 2020

Vels Institute of Science and Technology in Advanced Studies (VISTAS), **Grade:** 1.1

Academic Projects:

Intra College Event Registration (Webapp & Android app)

- Developed college event registration webapp to store student records, events, schedule booking, and other essential features to reduce manual effort, physical resources, and paper records at VISTAS College.
- Attained a concise and sorted way to allocate student details and generate a report of the student details for the events using HTML 5, CSS 3, Bootstrap 4, JavaScript, and MySQL 8.0 for Windows 10 OS.
- Built mobile application to increase the availability and portability of services to the users from laptop to mobile, utilising Android Studio, XML, Java, and SQLite, bringing event registrations to fingertip accessibility.

Well-Being System (Website)

- Built a well-being web application to access various services such as yoga classes, enabled booking an appointment with a dietician or doctor, and allowed one to choose a membership that best suits one.