Santhosh Kumar Gottimukkala

(Software Engineer)

# Profile

With over 3 years of experience in software analysis, design, and development, I specialize in building scalable web applications using Java and Go. My expertise spans the entire SDLC, including client interactions, development, testing, and deployment, with a strong focus on Agile and Scrum methodologies. I excel in translating business requirements into technical solutions, leveraging data structures and algorithms to optimize performance. Proficient in Spring Boot, Microservices, Quarkus, and Micronaut, I have hands-on experience deploying Java applications on AWS and Azure. Additionally, I am skilled in working with databases like SQL, PostgreSQL, and Snowflake, optimizing cloud data warehouses for efficiency. I ensure high-quality code through tools like JUnit, Mockito, and SonarQube, integrating CI/CD pipelines for streamlined development. With a passion for creating efficient and scalable software, I collaborate effectively using Git and Jira to deliver high- quality solutions that meet business needs.

# Education

**Masters in Computer Science (Msc),** *Satavahana University, Karimnagar.*

# Technical Skills

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| **Primary Skill** | Java, Spring boot, Microservices, SQL |
| **Secondary Skill** | Azure, Go-Lang (Beginner), HTML |
| **Tools** | JIRA, Confluence, version control (Bit-bucket& Git), Swagger- UI, SonarQube. |
| **Testing Tools** | JUnit, Mockito, Postman (API Testing). |
| **Databases** | MySQL, PostgreSQL, snowflake, H2 |
| **IDE** | IntelliJ Idea, VS Code |

**Projects**

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| **PROJECT #1** | **ESG – Report Automation** |
| **TECHNOLOGIES** | Java, Spring boot, snowflake, SQL, Azure, JUnit |
| **ROLE** | Software Engineer |
| **Client** | Franklin Templeton |

## ROLES AND RESPONSIBILITIES:

* Responsible for designing and developing scalable microservices using Java, Spring Boot, and Snowflake DB, ensuring adherence to code quality standards through SonarQube checks.
* Delivered high-quality, maintainable services by transforming complex requirements into actionable code.
* Participate in cross-functional team efforts in the definition, integration, verification and validation of Clients and sub – modules.
* Implemented thorough unit tests with JUnit and performed static code analysis via SonarQube to uphold code quality and detect possible issues effectively.
* Troubleshot and resolved technical issues and bugs efficiently.
* Utilized JIRA for agile project management, tracing tasks, user stories, and bugs throughout the development lifecycle.
* Worked with CI/CD tools to automate deployments and reduce manual errors.
* Participate in Agile activities like Daily Scrum, Sprint planning, Sprint Retrospective meetings and Story Grooming calls.
* Got a Sport Award for Out-Standing Performance in Project on October 2023.

# Projects

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| **PROJECT #2** | **BOOKIT (Internal Project) - Enhanced VP/AVP**  **Cabin & Meeting Room Booking System.** |
| **TECHNOLOGIES** | Go Lang & PostgreSQL |
| **ROLE** | Backend Developer |
| **Client** | Indium Software |

## ROLES AND RESPONSIBILITIES:

* Involved in all phases of the life cycle, Understanding requirements, analyzing root causes and designing implementation architecture pleasantly.
* Role as Back End Development, Responsible for writing the Go Lang Code, SQL Queries & Unit testing.
* Collaborated on the development of the “Bookit” cabin room booking system. The project aimed to streamline the booking process for cabin rooms within the company’s internal VP/AVP facilities.
* Development of embedded platform software of the Bookit system using Go Lang programming language for scalable APIs to handle booking requests, user authentication, and data management.
* Developed RESTful APIs to facilitate communication between the Frontend and Backend components of the Bookit system, enabling users to view cabin room availability, make reservations, and manage bookings.
* Identify the root cause of moderate to complex software issues debug and analysis tools.
* Participate in cross-functional team efforts in the definition, integration, verification and validation of Users and sub - modules.
* Participate in Agile activities (JIRA) like Daily Scrum Meetings, Sprint planning meetings and Sprint Retrospective.
* Learn from Senior Software Engineers and outside teammates in understanding the project within the application and collaborate with the team in feature implementations.

# **Certifications**

* Master Software Testing+ Jira + Agile from **Udemy**.
* Core Java, J2EE, SQL, frameworks, Web Technology and related Certificates from **Q & J Spiders**.
* Go Programming, The Complete Developer's Guide from **Udemy** & Go (Basic) from Hacker Rank.
* MATLAB Onramp from **Math Works**.
* Object Oriented Programming-Basics to Advance(JAVA OOP) from **Udemy**.
* Deploy Java Spring Apps Online to Amazon Cloud (AWS) from **Udemy**.
* Spring Boot 3, Spring 6 & Hibernate for Beginners from **Udemy**.
* Starting With Quarkus Framework from **Udemy**.
* Introduction of Git & GitHub Copilot from **Microsoft**.
* PGDCA (SET-WIN) Certificates from Softech Computers and **Govt**.

**AWARDS & RECOGNITION**

* **Sport Award** for Out-Standing Performance

in a Project (ESG - Report Automation – Client Franklin Templeton) on October 2023 from Indium Software Company.