

Raju Karri

Software Engineer

☎ +91-9948947913 ✉ rajukarri.1070@gmail.com 🌐 www.linkedin.com/in/rajuk777 🏠 Hyderabad, IN

PROFESSIONAL SUMMARY

- Java Full Stack Developer with **3+ years of experience** in building scalable and high performance web applications using **Java, spring, Spring Boot, Microservices, Hibernate (JPA), REST APIs, Kafka, Angular** and **MySQL**.
- Strong expertise in developing **RESTful APIs** and implementing end-to-end **CRUD** operations.
- Experienced in designing and developing **web Applications**, with a solid understanding of **frontend-backend** integrating.
- Hands -on experience in **API testing** using **Postman** and **API documentation** using **Swagger UI**.
- Strong understanding in **MVC architecture**, including Implementation of **validation**, and **global exception handling** mechanism,
- Basic Knowledge on **Docker** and **CI/CD** pipelines for automating application build, testing and deployment processes.
- Familiar with **Large language Model (LLMs)** with basic experience in developing **AI-based** applications.
- Experienced in **Agile (Scrum) environments**, using **JIRA** for sprint tracking and **Git** for version control, **GitHub** for code Management.
- Collaborated closely with **frontend, QA, and DevOps teams** to deliver **scalable, high-quality software solutions** on time.

TECHNICAL SKILLS:

Programming Languages: Java, JavaScript.

Frontend Technologies: Angular, Bootstrap, HTML5, CSS3.

Backend Technologies: Spring, Spring Boot, Hibernate (JPA), Kafka, Maven.

Databases: MySQL, Oracle SQL.

Version Control & Hosting: Git, GitHub.

Testing & API Tools: JUnit, Postman, Swagger UI.

Agile Methodologies: JIRA, Scrum.

IDE: Eclipse, VS-Code, Spring Tool Suite (STS), IntelliJ IDEA.

Cloud & DevOps: Docker, CI/CD pipelines.

AI Tools & Technologies: Spring AI, Antigravity IDE.

WORK EXPERIENCE:

SOFTWARE ENGINEER

AVYA IT PVT LTD, HYDERABAD

SEPTEMBER 2022 – PRESENT

Project: Health Insurance Management System

Description:

The **Health Insurance Management System** is designed to manage insurance plans, user eligibility, and claims processing efficiently. The system follows a layered architecture with Controller, Service, and Repository layers. The Controller handles incoming REST API requests, the Service layer contains business logic, and the Repository layer interacts with the database using Spring Data JPA.

Key Modules

- Plan Management : Create, update, and retrieve insurance plans
- Eligibility: Determine whether a user qualifies for a plan
- Claims: Process and track insurance claim

Roles and Responsibilities

- Debugged and resolved issues related to API responses and database operations.
- Built the code in accordance with the specified requirements.
- Accountable for collecting requirements, designing and executing development tasks.
- Addressing and resolving the project's daily challenges.
- Engaged in performing the CRUD Operations as required by using spring Data JPA.
- Establishing the connection between database and spring JPA
- Proficient in Conducting API testing through Postman and Swagger.

Technologies Used:

Java, Spring, Spring Boot, Spring MVC, Hibernate (JPA), MySQL, Swagger UI, Postman, Git, GitHub.

Project: Chat Bot Large Language Model (LLM)

Description:

Developed a conversational **AI chatbot application** that leverages a **Large Language Model (LLM)** to provide intelligent, **real-time responses to user queries**. The system integrates backend services built with **Spring Boot** and connects to **OpenAI APIs** using a **secure API key** for natural language processing. The chatbot handles **dynamic user inputs**, generate **human-like responses**, making it suitable for use cases such as customer support, FAQs, and virtual assistants.

Tech Stack:

- **Backend:** Spring Boot (Java)
- **AI Integration:** OpenAI API (LLM)
- **Architecture:** REST API-based
- **Tools:** Postman, Maven, Antigravity IDE

EDUCATION:

Bachelor of Technology (ECE) - Bhimavaram Institute of Engineering & Technology (**BIET**) College.