

Vinul Gajaman

Associate Software Engineer | Full-Stack (Java + React)

 puldithvinul@gmail.com

 +94 71 033 4443

 Colombo, Sri Lanka

 <https://www.linkedin.com/in/vinul-gajaman-a788a92b8/>

 <https://github.com/VinulGajaman>

 <https://portfolio-swart-seven-68.vercel.app/>

Profile

Results-driven Associate Software Engineer with hands-on experience building scalable full-stack applications using Java, Spring Boot, and React.js. Skilled in microservices, REST APIs, cloud deployments, and containerization with Docker. Experienced in Agile development and AI integration. Strong foundation in object-oriented programming and software engineering principles, with proven ability to deliver high-quality solutions in collaborative environments.

Technical Skills

- **Programming:** Java, JavaScript, TypeScript, PHP, HTML, CSS
- **Frameworks/Libraries:** Spring Boot, Spring AI, React.js, Bootstrap, Tailwind, Material-UI, Jasper Reports
- **Databases:** MySQL, Firebase (NoSQL)
- **Cloud & DevOps:** Docker, Maven, Postman, JIRA, Git, Bitbucket, GitHub
- **AI/ML:** OpenAI API, Gemini AI, RAG (Retrieval-Augmented Generation), Prompt Engineering
- **Architecture & Integration:** REST APIs, Microservices, Event-Driven Architecture, Kafka, Netflix Eureka

Professional Experience

Intern Software Engineer (Full-Stack, Java + React)
DMS Software Technologies (Pvt) Ltd

06/2024 – Present
Dharmapala
Mawatha, Colombo,
Sri Lanka

- Developed and deployed enterprise web applications using Java Spring Boot and React.js.
- Implemented microservices with Netflix Eureka, improving scalability and fault tolerance.
- Designed and optimized REST APIs, reducing response times by 25%.
- Built responsive UI with Material-UI, enabling advanced filtering and pagination features.
- Containerized applications with Docker, ensuring consistency across dev and prod environments.
- Developed AI-powered chatbot using OpenAI API and RAG, improving client support efficiency.
- Automated reporting with Jasper Reports, providing dynamic data visualization for clients.
- Collaborated with cross-functional teams using Agile methodology and tracked issues via JIRA.

Education

BSc(Hons) in Software Engineering (BCU,UK)
Java Institute For Advanced Technology

2020 – 2024
Colombo, Sri Lanka

Projects

- AI Email Reply (Chrome Extension)** - Automated Gmail responses using Java Spring Boot, React.js, and Gemini AI. Integrated WebFlux for real-time processing.
- AI Chatbot Backend (RAG + Spring AI + OpenAI API)** - Built a scalable chatbot backend using Spring AI with Retrieval-Augmented Generation (RAG). Integrated OpenAI API with product-related PDF knowledge base, exposing REST endpoints for domain-specific, real-time AI support.
- Tour Management System** – Full-stack travel management app (Spring Boot + React.js + Docker + MySQL) with modular microservices.

POS System (MixLab Pharmacy) – Desktop app for inventory & sales using Java + MySQL with transaction processing and reporting.

PetPulse (Android Appointment App) - Developed an Android application for pet healthcare scheduling using Java, Firebase, and Google Play Services. Designed a user-friendly interface for booking and managing appointments.

Personal Skills

Problem Solving | Communication | Team Collaboration | Leadership | Time Management | Quick Learning

References

M M P M Gunarathna, *Chief Finance Manager*,
Finance Division, Sri Lanka Ports Authority 19, Chaithya Road, Colombo 01.
pabasara@slpa.lk, 071-8688372

K.J. Lokugama, *Senior Manager*,
Information Systems Division, Sri Lanka Ports Authority 19, Chaithya Road, Colombo 01.
kusal@slpa.lk, 071-5306434 , 071-3257867