

Nifras MJM

SOFTWARE ENGINEER

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Profile

Software Engineer with hands-on experience in Java Spring Boot microservices, RESTful API development, database optimization, and AI-powered full-stack applications. Experienced in building scalable backend systems, integrating cloud and container technologies, and delivering production-ready solutions. Holds a BSc (Hons) in Computer Engineering, with strong foundations in software architecture, data structures, and modern development practices.

Experience

SOFTWARE ENGINEER INTERN | MEGABLISS AND MEGATRANSACT LTD| AUCKLAND, NZ - REMOTE | MAY 2024 – DEC 2024

- Developed and maintained microservices for MegaRide (a vehicle booking application), enhancing the application's scalability and modularity.
- Collaborated with a backend team to design and implement efficient and secure APIs using Java Spring Boot and tested using Swagger and Postman, ensuring seamless integration across services.
- Optimized SQL queries for improved database performance, reducing query execution time and enhancing data retrieval speed for the application.
- Participated in code reviews and team meetings, providing valuable feedback and gaining insights into best practices for backend development.

Technologies used: Java, Spring Boot, REST APIs, PostgreSQL/MySQL, Swagger, Postman, Git, AWS, React Native

TECHNICAL RECRUITER | HIRE IT PEOPLE | NJ, USA – REMOTE (EST) | OCT 2022 – SEP 2023

- Sourced, screened, and recruited top-tier technical candidates for various positions, including software Developers, Project Managers, and IT professionals.

MATHS AND CHEMISTRY TUTOR | SEP 2019 – MAY 2021

Education

BSC ENGINEERING (HONS) IN COMPUTER ENGINEERING
| 2021 - 2025 | UNIVERSITY OF RUHUNA, GALLE, SRI LANKA

DIPLOMA IN IT | JUNE 2020 | ESOF METRO CAMPUS
DIPLOMA IN ENGLISH | JUNE 2020 | ESOF METRO CAMPUS

Projects

- **Student Portfolio Management System (FYP)** – Full-stack, AI powered platform for student portfolio management and recruitment,

Tech: .NET Core, FastAPI, Next.js, Neo4j, Citus, Python, CrewAI

- **Document Summarizer with Q&A** – Full stack app using Python, PyTorch, Hugging Face, FastAPI, Next.js, TypeScript for AI-based summarization & Q&A.
- **AI-Based Headline Generator** – Generates creative headlines from text using Python, PyTorch, Hugging Face, FastAPI, Next.js, TypeScript.
- **Online Recruitment Platform** – MERN stack + Spring Boot backend; job posting & application features.
- **Online Laptop Store** – React, Java, Spring Boot, and PostgreSQL; e-commerce site with admin inventory management.
- **Sports Management Website (Group Project)** – MERN stack with Agile; managed sports enrollments, announcements, and live scores.

Technical skills

Programming Languages	Java, JavaScript, Python, C, C++, Kotlin, Dart, C#, Haskell
Frameworks & Libraries	React.js, Next.js, Vue.js, Spring Boot, Express.js, FastAPI, .NET Core
Database Systems	MySQL, MongoDB, Firebase, PostgreSQL, Neo4j
Cloud Platforms	AWS, Google Cloud
Container Platforms	Docker, Kubernetes
Machine Learning and AI	Pandas, NumPy, Scikit-learn, PyTorch, TensorFlow, Hugging Face, LangChain
Other Tools	Postman, Redis, Apache Kafka

Skills & Abilities

- Problem Solving
- Critical thinking
- Leadership
- Time Management
- Teamwork
- Communication

Language skills

- English
- Tamil
- Sinhala