NEHARA PEIRIS

FULL STACK DEVELOPER | CONTENT WRITER

ABOUT ME

Undergraduate Software Engineer at IJSE with hands-on experience in full-stack, mobile, and enterprise-grade projects. Proficient in Java Spring Boot, React, Node.js, and Firebase, with strong knowledge of databases, system design, and API development. Experienced in creating technical documentation and presenting project solutions.

CONTACT

- +94 70 11 95 105
- shewmipeiris123@gmail.com
- Moratuwa, Sri Lanka
- Linkedin
- Medium
- Github
- Portfolio

CERTIFICATIONS

- Python Essentials 1 – Cisco/NetAcad
- Postman API Fundamentals Student Expert – Postman (Feb 2025)

EDUCATION

IJSE - Institute of Software Engineering

- **Graduate Diploma in Software Engineering**   **2023 - Present**
  Advanced program focusing on full-stack development, microservices, and system design.

- **Comprehensive Master Java Developer**   **Mar - Dec 2023**
  Specialized diploma emphasizing core Java, enterprise development, and software architecture.

University of Moratuwa (UOM).

- **Python Essentials**   **Feb 2025 - Present**
  Focused on Python programming fundamentals including scripting, problem-solving, and automation

Our Lady of Victories Convent, Moratuwa

- **GCE O/L Examination**   **May 2023**
  Achieved 8 Distinctions and 1 Credit pass

EXPERIENCE

Innovesta | Tech Fusion
- Delivered project documentation and technical presentations, demonstrating clear communication of complex solutions.

Circle Edge | PrimeSpark
- Showcased the SimplyHire MVP; authored documentation, architecture diagrams, and investor-style presentations.

Executive Member | IJSE Student Committee
- Delivered project documentation and technical presentations, demonstrating clear communication of complex solutions.

Content Writer | Medium
- Articles on Spring Boot JWT, MERN file uploads, and project

SKILLS

Languages & Databases
- *Java (Spring Boot)*
- *Python*
- *JavaScript/TypeScript*
- *SQL (MySQL)*
- *NoSQL (MongoDB, Firebase Firestore)*

Web & Mobile
- *React.js*
- *React Native (Expo + NativeWind)*
- *Node.js*
- *Express.js*
- *Tailwind CSS*
- *Bootstrap*

Backend & APIs
- *REST APIs*
- *JWT Authentication*
- *Microservices*
- *WebSockets*

Tools & Platforms
- *Git/GitHub*
- *Postman*
- *Mockoon*
- *Docker*
- *Firebase*
- *API Gateway*
- *Eureka Service Discovery*

Soft Skills
- *Communication*
- *Presenting*
- *Team Work*
- *Time Management*

Extra Curricular Activities
- *Coding challenges*
- *Open-source contributions*
- *Tech blogging*
- *Basketball*

Language

Sinhala
100%

English
90%

PROJECTS

PetCarePlus Mobile App – *React Native, Firebase*
- Built mobile app for pet profiles, health tracking, and photo uploads.
- Implemented offline support and push notifications via Firebase.

Book Club Management System – *MERN Stack, Cloudinary*
- Built a digital library with book lending, return tracking, and overdue email notifications.
- Implemented JWT authentication, file uploads, and drag-and-drop UI with Tailwind CSS.

Smart Parking Management System – *Spring Boot, Node.js, Python, MongoDB, Eureka*
- Developed a microservices-based reservation and payment system with service discovery & API Gateway.
- Demonstrated cross-language service integration.

Order Management System – *JavaEE, JSP, JWT, JDBC Connection*
- E-Commerce Platform (Shion House)
- Online shopping platform with product catalog, cart, and checkout.
- Integrated authentication and role-based access for customers and admins.

Logistics & Supply Chain Management System – *Spring Boot, MySQL, JWT, Swagger, Postman*
- Backend system for managing suppliers, inventory, and deliveries.
- Designed REST APIs and optimized database queries for reliability.

EVENTS

- GENESYS 2024
- Leadership Program - Mr. Chathura Vidanapathirana
- Motivational Program - Mr. Shaveen Fernando
- Future of IT - Mr. Peter D' Almeda

REFERENCES

Prasad Waduge

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