

# 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

English

100%

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

Chief Executive Officer

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