YUNETH ANJANA PERERA

Software Engineering Intern

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ABOUT ME

Passionate software engineering student with hands-on experience in developing full-stack applications using Java, Spring Boot, and React.js. I am skilled in backend development, database management, and RESTful API design. I am adept at working with Git-based version control, implementing secure authentication, and optimizing system performance. I am a proactive learner and problem-solver, eager to contribute innovative solutions in dynamic development environments.

EDUCATION

BEng (Hons) in Software Engineering
London Metropolitan University   Sep 2022 - Sep 2023
Classification: Upper Second Class

Comprehensive Master Java Developer – CMJD
Institute of Software Engineering - IJSE   Sep 2023 - Jun 2024

Pearson BTEC Higher National Diploma (HND) in Computing - Software Engineering
Pearson College   Nov 2020 - Aug 2022

TECHNICAL SKILLS

- **Languages:**   Java, JavaScript, C#, PHP
- **Databases**:   MS SQL Server, MySQL
- **Frameworks & Libraries:**   Spring Boot, React.js, Hibernate
- **Web Development:**   HTML, CSS, React.js, Spring Boot
- **Version Control**:   Git, GitHub
- **Tools & IDEs:**   IntelliJ, Visual Studio Code, NetBeans, Postman

SOFT SKILLS

- Decision making, Leadership, Teamwork, Communication, Problem solving

PROJECTS

FundFlow - Microfinance Credit Scoring & Lending Portal [React.js, Spring Boot, MySQL, Material UI]
FRONTEND | BACKEND

Developed a full-stack microfinance credit scoring and loan management portal using React.js (frontend), Spring Boot (backend), and MySQL (database). Integrated JWT-based authentication with role-based access control for customers and admins. Key features include multi-loan application handling, dynamic credit scoring (based on EMI, income ratio, and active loan count), and automated approval decisions. The admin dashboard supports customer management, loan evaluation, and data export (PDF/Excel). Designed responsive dashboards for both admin and customer views using Material UI.

Cleaning Service Management System_Admin Panel [React.js, Spring Boot, MySQL, Material UI, Formik & Yup]
FRONTEND | BACKEND

Built a full-stack cleaning service management system using React.js, Spring Boot, and MySQL. Implemented JWT-based authentication, user booking features, and an admin panel with full CRUD operations. Integrated form validation with Formik and Yup, and followed layered architecture with RESTful API communication.

Realtime Chatroom Application [React.js, Spring Boot, WebSocket]   FRONTEND | BACKEND
A realtime chat application built to facilitate instant messaging between users. The application features a responsive frontend and a robust backend to handle realtime communication. The application is developed using React.js for the frontend, Spring Boot for the backend, and WebSocket for realtime communication.

Point of Sale System (POS) [React.js, Spring Boot, MySQL]   FRONTEND | BACKEND
Developed a full-stack Point of Sale (POS) System with React.js (frontend), Spring Boot (backend), and MySQL (database). Implemented secure authentication using Spring Security and JWT. Features include inventory management, category-based item organization, and sales processing.

Hotel Management System [Java Swing, MySQL, JDBC]   LINK
The application is developed using Layered Architecture, with MySQL as the database. Java Swing UI for user interface. JDBC for database connection.

Personal Portfolio [HTML, CSS, JavaScript]   LINK
Created a responsive portfolio website using HTML, CSS, and JavaScript to showcase projects and skills.

Marks Management System [Java]   LINK
Developed a CLI-based Marks Management System using core Java programming concepts.

Doctor Appointment System [HTML, CSS, JavaScript, PHP, phpMyAdmin]   LINK
A web-based application designed to facilitate the scheduling and management of doctor appointments. The system allows patients to book appointments with doctors and manage their schedules efficiently. The application is developed using HTML, CSS and JavaScript for the frontend, PHP for the backend, and phpMyAdmin for database management to store patient and appointment data.

TRAINING & CERTIFICATIONS

- **Write with AI**| CERTIFICATE |, **Think Creatively with AI** | CERTIFICATE | - Sololearn   Jun 2025
- **Generative AI in Practice** | CERTIFICATE | - Sololearn   Jun 2025
- **Prompt Engineering** | CERTIFICATE | - Sololearn   Apr 2025
- **Web Development** | CERTIFICATE | - Sololearn   Apr 2025
- **Introduction to JavaScript** | CERTIFICATE | - Sololearn   Mar 2025
- **Introduction to HTML** | CERTIFICATE |, **Introduction to CSS** | CERTIFICATE | - Sololearn   Feb 2025
- **Introduction to SQL** | CERTIFICATE |, **SQL Intermediate** | CERTIFICATE | - Sololearn   Feb 2025
- **Introduction to Java** | CERTIFICATE |, **Java Intermediate** | CERTIFICATE | - Sololearn   Jan 2025
- **Server-side Web Programming** - Open Learning Platform, University of Moratuwa   Jul 2024
- **Front-End Web Development** - Open Learning Platform, University of Moratuwa   Jun 2023
- **Web design for beginners** - Open Learning Platform, University of Moratuwa   Dec 2022
- **Python for Beginners** - Open Learning Platform, University of Moratuwa   Oct 2022

REFERENCES

Nipuni Madushani
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