Thushini Akashi
Intern UI / UX Designer

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EDUCATION

IJSE – Institute of Software Engineering（2023-present)
Graduate Diploma in Software Engineering(GDSE)
Currently in 4th semester

Semester 1
Programming Fundamental
Database Management
Object-Oriented Programming
Software Engineering
Database Programming

Semester 2
Software Architecture and Design Pattern 1
Internet Technology
Introduction to Network Programming
Object Relational Mapping
Computer Networking
Advanced API Development

Semester 3
Software Architecture and Design Pattern 2
Rapid Application Development
Advanced Mobile Application Development
Python for Data Science & AI

ACADEMIC PROJECTS

Portfolio Website
- Designed and developed a personal portfolio website.
- Technologies: HTML, CSS, JavaScript.

Portfolio Website (Advanced)
- Built an enhanced personal portfolio with modern UI/UX.
- Technologies: React, Tailwind CSS.

Helanka Shoes Inventory Management System
- Developed an inventory management system for a retail company.
- Technologies: Java, MySQL, Hibernate, JDBC.

Ivory Veils Salon Management System
- Built a full-featured beauty salon web application with real-time booking and payment integration.
- Technologies: Spring Boot, WebSocket, Google Maps API, PayHere.
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Madushi Fashion POS System
- Developed a browser-based Point of Sale (POS) system for retail operations.
- Technologies: HTML, CSS, JavaScript, jQuery, Bootstrap.

QuickNotes (Ongoing)
- Creating a mobile app for students to access and share short subject notes.
- Technologies: React Native, Firebase Firestore, Firebase Authentication.

ASSIGNMENTS

Smart Parking System – Developed a backend microservice-based system to manage parking slots.
Technologies: Spring Boot, Eureka Server, Microservices, REST APIs

BookEClub – Built a book sharing and borrowing web app.
Technologies: React.js, Node.js, Express.js, MongoDB.

Chat Application – Developed a real-time messaging application with interactive UI
Technologies: WebSocket, JavaFX (Scene Builder)

E-commerce Application – Built a web application for managing users, prices, categories, products, and orders
Technologies: JSP, Servlet, JDBC, JavaEE

Strategic Growth Analysis – Conducted data analysis for a UK-based e-commerce retailer and created RFM (Recency, Frequency, Monetary) analysis graphs.
Technologies: Python, Data Science, AI

TECHNICAL SKILLS

- **Programming languages:** Java, Python, JavaScript
- **Development frameworks:** Spring Boot, React, React Native, Hibernate, bootstrap, Tailwind CSS
- **Databases:** MySQL, MongoDB
- **Operating Systems:** Windows, Linux

RELEVANT TOOLS

- Git & GitHub
- IntelliJ IDEA
- VS Code
- Postman
- MySQL Workbench

SOFT SKILLS

- Teamwork
- Communication
- Problem-solving
- Time management

INTERESTS

- UI Designing and Development
- Web Development

ACHIEVEMENTS

- Winner of the Most Innovative Software Solution at Innovesta 2024 at IJSE