



# INUKA KAVINDA

## CONTACT

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## EDUCATION

### BSc (Hons) in Computer Science and Technology

Uva Wellassa University, Sri Lanka

Expected 2027

### Diploma in Software Engineering

Informatics Institute of Technology,  
Sri Lanka

### Diploma in Human Resource Management

IMBS Campus, Sri Lanka

Expected 2027

## TECHNICAL SKILLS

### Languages

Java, Python, C, JavaScript

### Frameworks & Tools

Spring Boot, REST APIs,  
Hibernate/JPA, HTML, CSS, Git,  
GitHub, VS Code, LaTeX, Microsoft  
Foundry

### Databases

MySQL

### Core Competencies

Backend Engineering, Software  
Architecture, Database Design,  
Automation Systems, Data  
Structures & Algorithms, Human-  
Computer Interaction (HCI)

## About Me

Computer Science Undergraduate focused on Software Development, Backend Engineering, AI/ML, and Automation. Experienced in building scalable web applications with Java and Spring Boot, designing database-driven systems, and applying core software engineering principles — data structures, algorithms, and system design — to deliver efficient, maintainable solutions.

## PROJECTS

### Full-Stack Web Application

Java · Spring Boot · MySQL

- Engineered end-to-end web applications using Spring Boot and MVC architecture, building secure RESTful APIs and authentication mechanisms.
- Managed database persistence with Hibernate/JPA and optimized data access performance.
- Applied clean architecture principles to improve maintainability and scalability.

### FreshLync — Supply Chain Backend System

MERN Stack · Python - Flask

- Designed and built scalable backend services supporting supply chain and logistics operations.
- Implemented Repository and Controller layers to manage business logic and relational data.
- Streamlined repository management, version control, deployment workflows.

### Food Distribution Platform

React · Bootstrap · Javascript

- Developed a web-based platform for inventory management, supplier coordination, and order processing.
- Designed efficient relational database structures to support transactional operations.
- Worked with MongoDB Atlas, Docker, CI pipelines, and Git version control to support deployment, code management, and application reliability.

## ADDITIONAL EXPERIENCE

- Built AI agents and multi-step workflows using LangChain and LangGraph, applying prompt engineering, tool integration, and stateful reasoning for practical AI applications.
- Developed full-stack software solutions using React, Next.js, Flutter, and backend technologies, with experience in UI implementation, routing, state management, and API integration.
- Completed the "Wireframing & Prototyping: From Concept to Reality in Figma" workshop, gaining hands-on experience in UX design and interactive prototyping.

## LEADERSHIP & ACTIVITIES

- **IEEE Student Member** — Engaging with the professional and technical community through IEEE programs and events (2024–Present).
- **Event Coordinator, FOSS Community UWU** — Organizing and coordinating open-source community events, strengthening team leadership and project