

ABDULLAH FAHMAN

Software Engineering Student | Full-Stack Developer (Java, Spring Boot, React)

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PROFILE SUMMARY

Software Engineering student with hands-on experience in full-stack development using Java, Spring Boot, React, and MySQL. Built real-world applications including a full e-commerce clothing platform and school management system, focusing on backend development, REST APIs, and database-driven systems with Java and Maven. Currently expanding knowledge in cloud computing and DevOps, exploring Docker, AWS, Kubernetes, and CI/CD automation with Jenkins. Actively researching and developing a cloud-based POS system with automation features, with a strong interest in scalable and reliable software systems.

TECHNICAL PROJECTS

Full Stack E-Commerce Clothing Store (Envy Clothing)

GitHub: github.com/FHMNx/envy-clothing

Java, Hibernate, MySQL, HTML, CSS, TailwindCSS

- Developed a full-stack e-commerce platform enabling product browsing, cart management, and order processing.
- Implemented backend business logic using Java with Hibernate ORM for database interaction.
- Designed MySQL database schema for product inventory, customer management, and order tracking.

Multi-Vendor Food Ordering Web Application (FoodMart)

GitHub: github.com/FHMNx/FoodMart

HTML, CSS, JavaScript, PHP, MySQL

- Built a multi-vendor food ordering platform allowing customers to browse restaurants and place orders online.
- Implemented vendor management features enabling sellers to manage products and orders.
- Designed relational database structure for vendors, products, customers, and orders.

Cloud POS System (In Progress) – FinTrack

GitHub: github.com/FHMNx/FinTrack

React.js, TypeScript, Spring Boot, Hibernate, MySQL, Docker

- Currently developing a cloud-based POS system for automated billing, sales tracking, and inventory management.
- Designing RESTful APIs using Spring Boot and Hibernate for scalable backend services.
- Planning containerized deployment using Docker and cloud hosting for production readiness.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript
- **Frontend:** React.js, HTML5, CSS3, Bootstrap, TailwindCSS
- **Backend:** Spring Boot, REST API Development, Maven, Node.js (Basic)
- **Databases:** MySQL, MongoDB
- **Cloud & DevOps (Learning):** Docker, AWS, Kubernetes, Jenkins
- **Tools:** Git, GitHub, Postman, IntelliJ IDEA, VS Code, MySQL Workbench, HeidiSQL

EDUCATION

BSc in Full Stack Software Engineering

Java Institute for Advanced Technology – Kandy, Sri Lanka

Expected Graduation: 2027

- Focus Areas: Software Engineering, Object-Oriented Programming, Database Systems, Mobile / Web Application Development, Cloud Computing

CERTIFICATIONS & LEARNING

- KodeKloud Engineer – Docker (Level 1)
- KodeKloud Engineer – AWS
- Postman API Fundamentals Student Expert
- JPMorgan Chase – Software Engineering Virtual Experience (Forage)