



VIMUKTHI KOSWATHTHA

SOFTWARE ENGINEER



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[Portfolio](#)

ABOUT ME

Passionate Software Engineering graduate with a strong foundation in full-stack development and an expanding skill set in DevOps methodologies. Experienced in building enterprise-level Java applications, Android mobile apps, and responsive web platforms. Quick learner and team player, actively seeking an entry-level role to apply my academic knowledge and modern tech-stack skills to build scalable, real-world solutions.

SKILLS

- **Backend:** Java, PHP, Node.js
- **Frontend:** HTML/CSS, React, JS
- **Databases:** MySQL, Firebase, MongoDB
- **DevOps:** Docker, Linux/Bash, AWS Basics
- **Tools:** Git, Android Studio, VS Code
- **AI Productivity:** GitHub Copilot, Cursor AI, ChatGPT, Antigravity

CERTIFICATION

Linux , Docker & AWS : KodeKloud(2026)

DevOps Academy : CoDeku (2025)

Cloud 101 , storage & compute : AWS educate(2025)

AWS Cloud Quest: Cloud Practitioner – AWS Skill

Builder (SkillLab)

EDUCATION

BSc (Hons) in Software Engineering

Birmingham City University | 2022 – 2026

- Advanced Data Structures & Algorithms
- Enterprise Software Architecture
- Object-Oriented Design Patterns (GoF)
- Database Management Systems
- Full-Stack Application Engineering
- Mobile App Architecture
- Cloud Computing Fundamentals

KEY PROJECTS

Ping Me Application

Python | Docker | Containerization

Developed "Ping Me," a Python-based network/messaging application for seamless communication, which was successfully containerized using Docker with custom Dockerfiles to ensure environment consistency and streamlined deployment.

Automated Cloud Portfolio Deployment

AWS | Docker | GitHub Actions | CI/CD

Engineered a fully automated CI/CD pipeline using GitHub Actions to containerize and push Docker images to Amazon ECR, ensuring secure and scalable cloud deployment through AWS IAM.

GlobeMed Healthcare System

Java 11 | MVC | JDBC | Maven

Developed an enterprise-level healthcare management solution using Java 11 and MVC architecture, implementing GoF design patterns, a Patient Portal, Doctor Dashboard, and a secure Admin Panel for maintainable software.

Homesphere (Home Marketplace)

Android Studio | Firebase | SQLite

Built a feature-rich Android marketplace application for buying and selling home goods, integrating Firebase for real-time database functionalities and an intelligent product recommendation system.

Full-Stack E-Commerce Platform

PHP | MySQL | HTML | CSS

Developed a dynamic e-commerce platform with a fully responsive user interface, featuring user registration, product browsing, a secure shopping cart, and successful payment gateway integration.

Note: Source code and detailed documentation for all projects are available on my GitHub (github.com/VimukthiPrabath) and my personal Portfolio website.