AKITHA CHANUPAMA

Graduate | BSc (Hons) in Software Engineering

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📍 Kelaniya, Sri Lanka

🌐 akithachanupama.me (in development)

in Akitha Chanupama

EXECUTIVE SUMMARY

Motivated Software Engineering graduate with a strong foundation in front-end development using HTML, CSS, JavaScript, and modern frameworks. Passionate about crafting clean, responsive web interfaces following contemporary UI/UX principles and best practices. Experienced in team projects, agile workflows, and API integration. Eager to contribute by delivering user-centric, scalable web solutions with efficient, maintainable code, version control discipline, and deployment in multi-platform environments.

WORK EXPERIENCE

Software Engineer (Intern)   2025 June - Present
Fentons Information Technology

- Engineered and maintained web applications using React JS, Node.js, Express, FastAPI, Flutter, and PostgreSQL to deliver responsive, scalable solutions.
- Collaborated with cross-functional teams to design and implement scalable architecture and new client-facing features.
- Developed APIs, integrated databases, and enhanced front-end interfaces to optimize performance and usability.
- Gained hands-on experience in agile workflows, contributing across the full software development lifecycle.

FREELANCE PROJECTS

HMS Mobile Application   2025 June - Present
Ongoing Project

- Currently developing a mobile app using Flutter, FastAPI, and PostgreSQL to manage real-time patient vitals like blood pressure, Blood Glucose, and lipid profiles.
- Implementing JWT-based authentication with role-based access for nurses and doctors.
- Integrating Jitsi Meet for secure, in-app video conferencing between medical staff.

AgriSaviya Mobile Application   2024 - 2025
Final Year Individual Project

- Developed a mobile app to support Sri Lankan farmers with localized advice, weather updates, market prices, and a digital marketplace.
- Gathered data from 100+ farmers to ensure user-centered design and used Firebase for real-time data sync and authentication.
- Analyzed user engagement metrics to refine UI/UX and conducted A/B tests to improve feature adoption and usability across diverse user groups.

More Freelance Projects - github.com/Akitha123Ply

EDUCATION

Bachelor of Science in Software Engineering   2022 - 2025
University of Plymouth. UK
- Second Class (Upper Division)

GCE Advanced Level   2020
Ananda College, Colombo

TOOLS & TECHNOLOGIES

Programming Languages: JavaScript, TypeScript, Python, Java, C, C#, PHP, HTML5, CSS3, Matlab
Frameworks & Libraries: React, React Native, Flutter, Node.js, Express.js, Tailwind CSS, Bootstrap, FastAPI
Databases: MicrosoftSQL, PostgreSQL, Firebase, MySQL, MongoDB
Tools & Others: Git, Figma, Docker, DBMS, UI/UX Design, Agile

SKILLS

- Logical Thinking
- Problem Solving
- Technical Excellence
- Critical Thinking
- Time Management
- Communication Skills
- Project Management

VOLUNTEERING

President Scout Award
Sri Lanka Scout Association

Earned the President Scout Award through demonstrated leadership and commitment to community service, dedicating over 1,000 hours to environmental conservation efforts and youth mentorship programs.