PARTH KIKANI

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Website • GitHub • LinkedIn

PROFILE

I am a **fourth-year** Information Technology student proficient in **IoT, Web and Mobile development**. I combine theoretical knowledge with practical application to deliver diverse and impactful projects. I bring a passion for innovation, a strong work ethic, and a proven ability to collaborate effectively.

SKILLS

Programming Languages:

- C, C++, JavaScript, TypeScript, HTML, CSS

Frameworks/Technologies:

- React, React Native, Node.js, Express.js, MongoDB, FreeRTOS

Soft Skills:

- Team Player, Clear Communication, Leadership, Active Listening

WORK EXPERIENCE

Software Trainee, Reactron Technologies   May 2024 - Nov 2024

- Developed web applications using **React**, focusing on building dynamic and responsive user interfaces for a seamless user experience.
- Created mobile applications with **React Native**, delivering cross-platform solutions independently.
- Delivered **technical code presentations**, explaining and documenting complex code structures, enhancing clarity for the supervisor.

PROJECTS

Netflix Clone   Individual Project, Oct 2024

Developed a partial Netflix clone to demonstrate expertise in mobile UI development and API integration. The project replicates essential features of Netflix such as **integrated video playback** functionality for seamless media streaming and **dynamic profile management** with features to **add, edit, and display** profiles.

- Tech Stack used: JavaScript, React

Foodemy   Individual Project, Sept 2024

Developed a **mobile restaurant search app that allows users to discover restaurants based on price categories**. The app provides detailed restaurant information, including user ratings and reviews, helping users make informed dining choices. Implemented intuitive UI/UX to enhance the search experience and ensure easy navigation across restaurant listings.

- Tech Stack used: JavaScript, React Native

Car Map | *Web*, *Mobile*   Individual Project, Aug 2024

Developed a **web** and mobile car map application that **displays cars' locations alongside the user's current location on an interactive map**. The app features a comprehensive list of cars with **advanced filtering and sorting options**, allowing users to easily search for specific vehicles. Integrated real-time data and intuitive navigation for a seamless user experience.

- Tech Stack used:
    - Web: TypeScript, React
    - Mobile: JavaScript, React Native

Fingerprint Voting System   Group Project, Dec 2023

Developed a **secure voting system that integrates a fingerprint sensor module for user authentication** before casting votes. The system ensures accuracy and privacy in the voting process, with a **dedicated website** where users can access election results and review their voting history. Designed to enhance the integrity of the voting process through biometric verification.

- Materials used: Raspberry Pi 4B, Adafruit optical fingerprint sensor
- Tech Stack used: HTML, CSS, JavaScript, Python, MongoDB

Weather Station   Group Project, Dec 2023

The Weather Station is a comprehensive **system for real-time monitoring of rainfall, temperature, and humidity**. It features a **live** page that **displays realtime weather data and offers interactive charts** for exploring historical data. Weather data is received via MQTT and stored in MongoDB for future reference and detailed historical analysis.

- Materials used: Raspberry Pi Pico W, AHT20 Sensor, Raindrops Detection Module, PS12 Buzzer, SSD1306 OLED Display
- Tech Stack used: C, HTML, CSS, JavaScript, FreeRTOS, MQTT

EDUCATION

Bachelor of Information Technology   Aug 2021 - Aug 2025

Metropolia University of Applied Sciences, Helsinki