PARTH KIKANI

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Portfolio • GitHub • LinkedIn

SKILLS

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

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

- Team Player, Leadership
- Active Listening, Clear Communication

REFERENCE

Nguyen Hoang Quang Trung

CEO, Co-founder | Reactron Technologies Oy

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Hitesh Kikani

Principal Consultant | Qaraton Technologies Oy

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PROFILE

I'm a **fourth-year** Information Technology student with a strong background in **IoT**, **web**, and **mobile** development. I have built many projects in multicultural teams which enhanced my collaboration and leadership skills. **I bring a mix of creativity, technical skills, and a strong work ethic**.

WORK EXPERIENCE

Reactron Technologies   May 2024 - Nov 2024
Software Trainee

- 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.
- Few words from my mentor - "*Parth consistently demonstrated an impressive work ethic, always delivering high-quality work on time and with remarkable attention to detail.*"

EDUCATION

Bachelor of Information Technology   Aug 2021 - Aug 2025
Metropolia University of Applied Sciences, Helsinki
GPA: 4.36 / 5.0

PROJECTS

Bookshelf   Individual Project, Feb 2025

Bookshelf is a mobile application that helps users track their reading progress. It allows users to search books, manage reading lists, and track finished books. Secure user authentication with jwt is also implemented.

- Tech Stack used: TypeScript, React Native. PostgreSQL, Node.js, Express.js

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 Native

Car Map | *Web*, *Mobile*

Individual Project, Aug 2024 - Oct 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, MongoDB, WebSocket, FreeRTOS, MQTT