

PARTH KIKANI

+358 413119110 • parthkikani02@gmail.com • Finland

[Website](#) • [GitHub](#) • [LinkedIn](#)



SKILLS

Programming Languages

JavaScript, TypeScript, C++,
Python

Automation

Jest, Cypress, Robot
Framework

Tools/Technologies

Git, AWS, Postman, IoT,
Embedded Systems

REFERENCE



**Nguyen Hoang Quang
Trung**

CEO, Co-founder | Reactron
Technologies Oy

+358 40 747 3681
trung.nguyen@reactron.dev



Hitesh Kikani

Principal Consultant | Qaraton
Technologies Oy

+358 50 338 8586
hitesh@qaraton.com



PROFILE

I'm a recent **Information Technology** graduate with a passion for building smart, user-focused solutions across **IoT**, **web**, and **mobile** platforms. I've developed a strong interest in software testing and quality assurance, with hands-on experience using tools like **Jest**, **React Testing Library**, and **Cypress** to ensure application reliability. I bring a mix of **creativity**, **solid technical expertise**, and a **strong work ethic** — now focused on writing clean, testable code and building robust, bug-resistant systems.



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.
- Conducted unit testing with **Jest**, and end-to-end testing using **Cypress**, ensuring functionality and reliability across features.
- 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.



EDUCATION

Bachelor of Information Technology

Aug 2021 - Aug 2025

Metropolia University of Applied Sciences, Helsinki

GPA: 4.4 / 5.0



PROJECTS

Advanced Todo App Testing Suite

- Developed a fully tested Todo app with React and TypeScript, **Jest**, **React Testing Library**, and **Mock Service Worker**.
- Wrote comprehensive **unit** and **integration** tests covering state management, UI behavior, and asynchronous API interactions.
- Demonstrated test-driven development techniques and error-handling validation using mocked network failures.

Authenticated App E2E with Cypress

- Built a basic authentication flow with mock user data.
- Created a complete end-to-end test suite using Cypress, covering login success/failure paths, form validation, and navigation.
- Automated functional checks to simulate real user behavior and UI feedback.

Car Map | Web, Mobile

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

Weather Station

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