

# Sanjaya Bhattarai

Full-Stack Developer · Helsinki, Finland

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Full-stack developer, graduated May 2026 with a B.Eng. in Information Technology from Oulu UAS (GPA 4.5/5.0, thesis 5/5). Co-founded Trinova Technology while studying and have shipped several projects that real people use, including a hotel management app running in 7 hotels. I work across web, mobile, and desktop and pick up new tools quickly.

## WORK EXPERIENCE

### Co-founder

2025 – Present

Trinova Technology Oy · Finland · [trinovatech.fi](https://trinovatech.fi)

- Co-founded a software and IT solutions company with classmates while finishing university. We work with businesses on custom software, tech consulting, and digital projects.
- Handle technology selection, client meetings, partnership discussions, and making sure projects are scoped and delivered properly.
- Responsible for both the technical direction and the business side of the company.

### Software Developer Intern

Apr – Aug 2025

Near Real Oy · Helsinki, Finland

- Working on a mobile app for health data collection using React Native and Expo, with integrations to Google Health Connect and MDT APIs.
- Handling user permission flows for sensitive health data and helping with architecture decisions and documentation.

### Product Developer (Erasmus+ BIP)

Nov 2025

Instituto Politécnico de Setúbal · Portugal

- Part of an EU-funded programme where our team of five nationalities built and presented a product prototype in one week.
- Interviewed international students about social isolation, then built a web platform prototype to help new students connect with locals and nearby events.

## PROJECTS

### Namaste Desk

Live · 7 Hotels

2025

Solo · Electron, Next.js, Prisma, SQLite, Supabase

- Built a hotel front-desk desktop app from scratch. It handles check-ins, checkouts, billing, and room management and is now used daily in 7 hotels.
- Designed it to work offline. All guest data lives in a local SQLite database via Electron IPC so staff can keep working even without internet.
- Built the room calendar to handle active stays, checkouts, same-day turnovers, and group bookings as separate states.

## EDUCATION

### B.Eng. Information Technology

Oulu University of Applied Sciences

Graduated May 2026

Specialisation: Web Development & Software Engineering

240 ECTS · EQF Level 6

#### Thesis grade: 5/5

TaskRhythm: Design and Implementation of an AI-based Intelligent Task Management System

[urn.fi/](https://urn.fi/)

URN:NBN:fi:amk-202602152948

## SKILLS

### FRONTEND

React.js

Next.js

TypeScript

Tailwind CSS

### BACKEND

Node.js

Express.js

REST APIs

Prisma

### MOBILE

React Native

Flutter

Kotlin

Expo

### DATABASES

PostgreSQL

SQLite

MongoDB

Firebase

### CLOUD & AUTH

Supabase

Firebase

Google OAuth

- The app handles the full reception workflow: group bookings, food item billing, advance payments, ID card capture and upload, and printable receipts.
- Used Supabase for owner login and hotel config, with row-level security so each hotel only sees their own data.

## Khelset

Live

2025

Solo · React.js, Flutter, Firebase

- Built a sports management and live scoring platform. The admin panel runs on React.js and the user app is in Flutter. Both are live at khelset.com.
- Has live scores, fixtures, player and team stats, and lets event organisers create their own tournaments.

## Katkut AI

2025

Solo · Next.js, Firebase, AI APIs

- Built a cloud video editing platform where users can upload, preview, and edit clips. Includes Google sign-in, real-time cloud storage, and AI features like silence removal and text-to-speech.

## Pahilo Khudkilo

Live

2025

Solo · React 18, Vite, Tailwind CSS, Vercel

- Built a kid-friendly Nepali language learning app. Quizzes go from vowels and consonants through to words and pronouns, with 3 difficulty levels each.
- Three quiz types: multiple choice, a 5x5 letter-grid hunt, and pronunciation matching. Questions can be shown in English or Finnish.
- Plays a celebration animation and audio when you score 80% or higher. Live at pahilokhudkila.com with usage tracked via Vercel Analytics.

## OTHER EXPERIENCE

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### Student Ambassador & Content Creator

2023 - 2026

Oulu University of Applied Sciences

- Made content for the university marketing team and helped at student events and open days.

### Web Developer & Co-Founder

2023

Upbeat Education Consultancy

- Built and ran the company website on WordPress and worked on SEO to bring in more traffic.

## DESKTOP

Electron

IPC

better-sqlite3

## TOOLS

Git

Docker

Linux

Figma

## LANGUAGES

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English Fluent

Nepali Native

Finnish Basic

## OTHER

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Stand-up Comedy

Top 24 out of 8,000 on Comedy Champion Nepal. Perform regularly, comfortable speaking in front of any audience.