TIMOTHY CAMPBELL

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Software developer and **Operations professional** with an international background and a passion for building things that matter. I thrive in team environments where ideas are exchanged freely, and I'm always **eager to learn** from others and contribute to a shared goal. With experience working across different countries and cultures, I bring **adaptability, openness**, and **strong communication skills** to every project. Currently, I'm especially excited to deepen my knowledge of **cloud technologies** and **AI integrations** and continue growing as a full stack developer in a supportive, growth-oriented team

LANGUAGE

- English (Native)
- Finnish (A2.1)

SKILLS

- Relentless work ethic
- Project management
- Great problem solving skills
- Team recruitment and training
- Eagerness to learn
- Agile & CI/CD workflows
- Resilience and flexibilty

TECH

- **Languages** - C, C++, Javascript, Typescript, Python
- **Frameworks -** React, Fastify, FastAPI
- **DevOps & Cloud -** Docker, Google Cloud, Git
- **Database -** Postgres, SQLite, MongoDB

EDUCATION

10/2023 - 06/2025
HIVE HELSINKI

- Software Development

2015 - 2016
ECM COLLEGE DUBLIN (IRE)

- Diploma of Business Management

2009 - 2012
EDITH COWAN UNIVERSITY (AUS)

WORK EXPERIENCE

Huuva Oy   12/2022 - 10/2023

Process Developer/Product Owner

- Executed and oversaw project plans for **15+ brand launches** in 10 kitchens
- Designed process improvements in **hiring strategy, waste control, kitchen output**
- **Subject matter expert** in a team which implemented an inventory tool across 10 kitchens in 3 months
- Responsible for **maintaining data quality** and upkeep of inventory tool.
- Managed full-cycle recruitment for all kitchen roles, including **overseas hiring, hiring plans**, and **budgeting tools** for proactive workforce planning

Huuva Oy   10/2021 - 12/2022

Launcher/ Kitchen Expansion

- Successfully managed the launch of **7 cloud kitchens** across Finland
- Directly responsible for **100K€+ budgets** for each project
- Building and **presenting business cases** for potential launch sites

PROJECTS

Pong Web App (Javascript, Typescript)

Collaborated in a team to design and develop a full-stack, containerized web application using **React** and **Fastify,** structured as **microservices** with SQLite for persistent storage. My main role was **building APIs**, integrating backend services with databases, and **developing frontend React components** with seamless API communication. Implemented **automated testing** and **CI/CD pipeline** using **Github Actions**, **Jest** and Fastify's built-in tools.

Meal Planner (Python, Typescript)

Building a full-stack app with a **FastAPI** backend and **React/TypeScript** frontend for personalised meal planning and recipe scraping. Implemented user authentication APIs with a **PostgreSQL** database, fully containerized using **Docker**, and applied a test-driven approach with **pytest**. Planning deployment with a reverse proxy and integrating frontend–backend communication

HTTP Web Server (C++, Python)

Part of a team that built an HTTP web server from scratch with **NGINX**-style config parsing, **HTTP request/response handling**, and **CGI execution** via Python. **Designed the architecture**, implemented custom memory management for event handling, and developed the configuration parser. Used **Postman, Locust & Siege** for testing HTTP methods.