

# Otto Kivikärki

LEAD / SENIOR FULL-STACK DEVELOPER · WEB PLATFORMS & SYSTEM ARCHITECTURE

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Lead / Senior Full-Stack Developer with 12+ years of experience designing and building full-stack web platforms using TypeScript, React, and Node.js. Experienced both leading development and working hands-on as a senior full-stack developer, delivering systems from architecture through production across frontend, backend services, and cloud infrastructure.

**PRIVV** Helsinki, Finland · 2025–Present

*Lead Software Developer, Product*

Led development of the Privv platform using TypeScript, Node.js (NestJS), React, and AWS, delivering full-stack architecture, frontend and backend systems, and third-party integrations for a production SaaS platform.

- Designed and implemented a new authentication system across the full stack by integrating a third-party identity provider.
- Consolidated backend services to simplify infrastructure and reduce operating costs by over 50%.
- Delivered full-stack platform features and resolved production issues, improving platform stability and reliability.

**Vincit** Irvine, California, USA · 2019–2025

*Lead Software Developer, Full-Stack*

Successfully led multiple software development projects with teams of different sizes and architected scalable technical solutions for clients. Collaborated with cross-functional teams and stakeholders to deliver solutions to clients.

## Projects

### Real-Time Messaging Platform

- Designed and built a real-time messaging platform with group chat, attachments, and an integrated social feed using React and TypeScript, with Node.js and GraphQL backend services deployed on AWS.
- Implemented a full-stack authentication system and migrated users from a legacy platform.
- Led deployment and launch of the platform MVP, delivering it on schedule.

### Headless CMS Web Platform

- Implemented a Next.js frontend rendering system for content managed in Contentful and modeled and structured content in Contentful to support flexible, component-driven page layouts.
- Built reusable UI components and integrated GraphQL APIs to deliver dynamic content-driven pages.

### Building Management Mobile App

- Implemented backend services, APIs, and business logic in Node.js and TypeScript for a mobile application used to manage office building spaces, tenant services, and facility operations.
- Also contributed to the React Native mobile application by implementing smaller features and fixing bugs.

### Mental Health Support Platform

- Led development of a web platform for mental health support, replacing a legacy WordPress implementation with a modern architecture built with React and Next.js, powered by a WordPress/PHP backend.
- Designed and implemented backend integrations and content architecture while also contributing to frontend components and overall platform structure.

**Vincit** Tampere, Finland · 2016–2019

*Software Developer*

Worked on the development of a sports web platform as part of the core engineering team for 2.5 years. Designed the React-based frontend architecture and implemented full-stack features using React and Java (Spring) during the platform's early development. The platform has grown to over 1 million registered users.

**Technotree** Tampere, Finland · 2015–2016

*Software Developer*

Developed product features for a telecom software platform using JavaScript, AngularJS, and Node.js. Collaborated with international engineering teams to deliver web application functionality and contribute to ongoing platform improvements. Also trained and mentored engineers from the India office on AngularJS development and frontend best practices.

**Leadin** Tampere, Finland · 2014–2015

*Software Developer*

Developed frontend functionality for client web applications using JavaScript, AngularJS, and related web technologies. Worked on a project for a mining company building a dashboard for monitoring and tracking equipment operating in the mine.

**SKILLS**

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**Languages** TypeScript, JavaScript, Java, PHP, SQL

**Frontend** React, Next.js

**Backend** Node.js (Express/NestJS), GraphQL, REST APIs, Microservices

**Data** Postgres, Redis, DynamoDB

**Infrastructure** AWS, Terraform, Docker, CI/CD

**Observability** Datadog, Sentry, AWS CloudWatch

**AI Tools** Cursor, Claude Code, Codex

**EDUCATION**

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**B.S. Business Information Systems** 2010 - 2014

*Tampere University of Applied Sciences*

**Exchange studies in Computer Science** 2014

*Ajou University, Suwon, South Korea*