

Lauri Tuumi

Technical Lead



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lauri.tuumi.com

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WORK EXPERIENCE

Software Developer — Technical Lead

Teollisuuden Voima Oyj · 12/2024 – present

- Led architectural direction for our 10+ person team, establishing enabling patterns over prescriptive ones — reducing onboarding friction while keeping the codebase adaptable
- Full stack development with Next.js, Node.js, and Express
- Designed shared TypeScript abstractions and Zod-based data contracts that standardise team practices without constraining architectural flexibility

Supply Chain AI Specialist

Leafhill Solutions Oy · 06/2024 – 12/2024

- Research into AI solutions using OCR and AI to scan unstructured documents (packing lists, invoices, etc.) into structured data
- Planning a restructuring of the in-house LMS system, including UI design
- Optimising ORM-generated SQL and database indices, resulting in a 10x speedup in queries

Software Engineer

Dyme Solutions Oy · 05/2023 – 10/2023

- DevOps: CI/CD pipeline development, build/test automation (Groovy), and Jenkins IaC with Job DSL
- Integration of vulnerability scanning for Docker environments (Jenkins, Trivy)
- AWS Lambda service components (TypeScript, DynamoDB, SQS)

Associate Cloud Developer

Basware Oyj · 05/2022 – 10/2022

- Extending Python Flask backend on AWS Lambda with DynamoDB integration
- React and Angular UI design and programming
- Unit tests with Pytest, E2E tests with Cypress

IT Systems Support

Suomen Euromaster Oy · 05/2021 – 05/2022

- Software robotics (AutoHotkey) to eliminate manual data entry — automating repetitive workflows across the sales system
- C# .NET Core console application that automated sticker printing for order fulfilment, reducing tens of hours of monthly Excel work to a single daily script run
- Google Sheets inventory management system with Apps Script (JavaScript)

SKILLS

CORE STACK

- * Next.js
- * Node.js / Express.js
- * Zod / TypeScript
- * SQL Databases

ALSO WORKED WITH

- CI/CD
- AWS
- C# (.NET Core)
- Angular
- Python
- Java

EDUCATION

Bachelor of Business Administration, Business IT

Satakunta University of Applied Sciences
2019 – 2023

Growth & AI Academy

Saranen Consulting Oy
06/2024 – 10/2024