

RESUME

Kaapo M
Senior Software Developer
Kerava, Finland

Industries

Payments and Finance
Taxi and Transportation
Healthcare
Public Sector

Methods

Agile
DevOps
AI-assisted development

Languages

Finnish (native)
English (fluent)

Education

Aalto University 2013–2016
Bachelor's degree

PROFILE

Senior Software Developer with 10+ years of experience designing and delivering business-critical cloud solutions on C#/.NET, SQL Server and Azure. Built a payment management platform from scratch that processes millions of euros in monthly invoicing and settlements, and continue to develop it today. Experienced in software architecture, API integrations, product ownership and leading small development teams. I use AI agents (Claude Code) daily and critically review the code they produce.

EXPERIENCE

Web development experience

- 9+ years of C#/.NET development, including modern .NET and EF Core since 2020 (currently .NET 10)
- REST APIs for customers and partners, e.g. receipt and order data intake
- Integrations: Paytrail, ERP systems (Business Central, EmCe), HL7, Kela and taxi industry systems
- SQL Server: indexing, computed columns, query optimisation and production migrations
- Unit and integration testing (NUnit, Moq)
- AI agents in development and quality assurance (Claude Code, Claude API)
- Product Owner for a payment system and a taxi ordering app

TECHNOLOGIES

Skills & technologies

- **Backend:** C#, .NET 10, ASP.NET Core, EF Core, REST APIs, IdentityServer
- **Databases:** SQL Server, MySQL
- **Azure:** App Service, Functions, Service Bus, API Management, Storage, Application Insights, Alerts
- **DevOps:** Azure DevOps, Git, CI/CD
- **Frontend:** TypeScript, React, Vue, JavaScript, HTML
- **Testing:** NUnit, Moq, Robot Framework, Selenium
- **AI:** Claude Code, Claude API, AI agents
- **Earlier:** WinForms, WPF, Java, Java EE

WORK HISTORY / PROJECTS

Taksikuutio Oy – Senior Software Developer

Taxi and transport services, logistics · 3/2025–present · team of 3

Full-stack development of cloud-based logistics solutions for taxi and transport operations, including the Payment system I originally built at Router Group and system integrations for Kela-reimbursed taxi trips. Further developing Payment with new integrations, automated processing of debt enforcement (ulosotto) cases and a migration of the admin UI from Vue to React.

AI agents are a core part of my workflow. I develop daily with Claude Code: I break down tasks, steer the agent and critically review the generated code, focusing my own effort on architecture and code review. I created instructions and guidelines for AI agents, e.g. for code generation, so the team uses them consistently.

Built an AI agent for post-deployment monitoring in one week: after each production release, Azure DevOps triggers the agent through the Claude REST API, and the agent compares the new version's logs with the previous version and reports anomalies to Microsoft Teams. Every production release is now checked automatically.

Also automated dependency updates in the pipeline and write unit and integration tests with NUnit and Moq.

C#, .NET 10, EF Core, SQL Server, Azure (App Service, Functions, Service Bus, API Management, Storage, Application Insights, Alerts), Azure DevOps, NUnit, Moq, TypeScript, React, Vue, Claude Code, Claude API, AI agents

Router Group Oy – Senior Software Developer, Product Owner & Lead Developer

Taxi companies · 3/2020–2/2025 · team of 6
Senior Software Developer 3/2020–8/2023, Product Owner & Lead Developer 9/2023–2/2025

Built the Payment system from scratch for taxi companies' invoicing and payment settlements and led its development. Designed and built the backend and REST APIs, including customer APIs for receiving receipt and order data, and the admin UI with Vue. Built integrations with taxi industry systems. Verifone and Paytrail, and generated invoicing data for two ERP systems (Business Central and EmCe). Optimised SQL Server performance with indexing, computed columns and query tuning.

As Product Owner & Lead Developer, owned the roadmaps of Payment and Taksini, a taxi ordering app for Android and iOS, while contributing hands-on. Prioritised and specified development with customers and contributed to the taxi dispatch system and the in-vehicle device.

Payment processes millions of euros in invoicing and settlements every month, and Taksini handled tens of thousands of rides per month.

C#, .NET Core / .NET, EF Core, SQL Server, Azure, REST, Paytrail, NUnit, Moq, TypeScript, Vue, product ownership

WORK HISTORY / PROJECTS

Receptum Oy – Software Developer

Healthcare, pharmacies · 5/2017–2/2020 · team of 10

Developed a comprehensive pharmacy desktop application built with WinForms and WPF, covering e-prescription management and point-of-sale functions. Focused mainly on the prescription processing system and HL7 integrations.

Built an automatic update process for pharmacy workstations, including workstation-specific authentication against IdentityServer, and an e-commerce integration.

C#, .NET Framework, WinForms, WPF, IdentityServer, SQL Server, Microsoft Azure, HL7, NUnit, Moq

Valuatum Oy – Software Developer

Finance · 3/2016–6/2017 · team of 8

Key role in developing a web platform that provides credit risk analysis and equity research tools to clients. Developed the platform on Java EE and built test automation: unit tests with JUnit and end-to-end tests against the web application with Robot Framework and Selenium.

Java, Java EE, JBoss, MySQL, AWS, JUnit, Robot Framework, Selenium

WORK HISTORY / PROJECTS

Finnish Institute for Health and Welfare (THL) – Programmer

Public sector, health · 6–9/2015 (4 months)

Developed a website providing free public access to health data.

ASP.NET Web Forms, C#