

Nurettin Çoban

Senior Software Engineer

Backend Architecture & Distributed Systems | Technical Leadership | AI Developer Tools

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SUMMARY

Backend engineer and technical leader with 13+ years of software development experience, taking services from product planning and architecture through implementation and production operation. At Virta, guide technical decisions and mentor engineers, with delivery experience spanning EV charging, roaming, and extensible payment integrations. Creator and maintainer of open-source AI developer tools; accepted into Anthropic's Claude for Open Source Program.

CORE SKILLS

Backend: PHP/Laravel, Node.js, TypeScript, JavaScript, C#/.NET, REST, GraphQL, PostgreSQL, Microsoft SQL Server

Architecture & delivery: distributed systems, microservices, API design, technical planning, mentoring, observability, deployments, on-call; working knowledge of Docker and Kubernetes

Domains & tooling: OICP/Hubject, OCPI, OCPP 1.6, ISO 15118 Plug & Charge, payment terminals, tariffs, AI-assisted development and code review

EXPERIENCE

Virta Apr 2020 - Present
Helsinki, Finland | EV charging platform

Senior Software Engineer Jan 2026 - Present

- Guide backend architecture and technical delivery within the team, from early planning with product managers through implementation and production operation.
- Mentor engineers on service and code design across charging, tariffs, roaming, and REST/GraphQL APIs; help resolve technical challenges across team projects.
- Build in logging, monitoring, alerting, and APM; participate in deployments and on-call incident response.

Lateral move from Engineering Team Lead to the individual contributor track, focusing on architecture and hands-on development.

Tech Lead, then Engineering Team Lead Jan 2024 - Jan 2026

Sequential roles; approximately 10 months as Engineering Team Lead, responsible for 1:1s, hiring, and team development.

- Took primary responsibility for the backend implementation of ISO 15118 Plug & Charge, enabling automatic driver authentication when plugging in.
- Designed and led payment-terminal integrations that other engineers extended to support additional vendors.
- Provided OICP/Hubject expertise and contributed to OCPI integrations; coordinated with product managers, other teams, and external partners on delivery.

Senior Software Engineer Jan 2022 - Jan 2024

- Built and maintained backend services for charging sessions, pricing, tariffs, and operator-facing APIs; contributed to roaming and OCPP-based charger communication.

Software Engineer Apr 2020 - Jan 2022

- Took primary implementation responsibility for modernizing OICP/Hubject roaming, focusing on correctness, performance, and maintainability; implemented a subsequent protocol version with colleagues.

OPEN SOURCE

ai-prd-workflow | Creator & maintainer

github.com/nurettincoban/ai-prd-workflow

- Created a structured workflow that takes ideas or existing code through requirements, prioritized features, project rules, sequenced RFCs, implementation, and review with AI coding agents.
- Released in March 2025; nearly 300 GitHub stars as of October 2026. Accepted into Anthropic's Claude for Open Source Program in 2026 through this project.

diff2ai | Creator & maintainer

github.com/nurettincoban/diff2ai

- Built a CLI for AI-assisted code review with configurable AI runners, multiple reviewers, and checks that findings reference changed lines.
- Supports GitHub/GitLab review workflows and CI integration, including SARIF output. Built with TypeScript and Node.js.

EARLIER EXPERIENCE

Devolon

Dec 2018 - Apr 2020

Software Engineer | Tartu, Estonia

- Delivered the backend and web management interface for Naughty BRGR's ordering platform, supporting in-store and takeaway orders, payments, and kitchen operations.
- Built additional PHP/Laravel web applications for consulting clients.

Safee Fleet Management

Jan 2017 - Dec 2018

Software Engineer | Gaziantep, Türkiye

- Worked primarily on frontend development at a fleet-tracking startup, building JSF/PrimeFaces interfaces and interactive dashboards with Google Maps API and Leaflet.
- Contributed Java and PostgreSQL development, delivered a React Native companion app, and worked on Angular and PHP/Yii 2 prototypes.

Metanet Group

Jun 2013 - Nov 2016

Software Engineer | Gaziantep, Türkiye

- Progressed to independent ownership of application architecture and delivery across web, desktop, and enterprise systems while pursuing education.
- Built kiosks, internal platforms, and solar field-operation tools using C#, ASP.NET, SQL Server, SQLite, PHP, and Qt.
- Worked with SAP Business One configuration and SQL queries, plus solar performance monitoring systems.

EDUCATION

B.Sc. in Computer Engineering | Hasan Kalyoncu University

Graduated among the top three students in the department; worked while studying.

Information Technologies / Database Programming

Mehmet Rüştü Uzel Technical and Industrial Vocational High School

LANGUAGES

English: professional working proficiency | Turkish: native | Finnish: limited working proficiency