

Farhad Nowzari

Senior Backend / Full-Stack Engineer

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SUMMARY

Backend-leaning full-stack engineer, working with German companies since 2016 and freelancing before that. What stays constant across my jobs is system design, not the language: high-traffic services, messaging with Kafka and event sourcing, and systems with heavy authentication and authorization. Go and NestJS (TypeScript) are my current stack at Kaufland e-commerce; C# (.NET) is my longest-used language. Outside work I maintain open source (Neo4j.Berries.OMG, **41** stars) and teach on YouTube. I pick my tools based on the system I'm building; the principles stay the same.

SKILLS

Backend: Go · Node.js (TypeScript, NestJS) · C# (.NET) · PHP (Laravel) · GraphQL · Keycloak (authorization) · Node-RED · n8n

Architecture and testing: Microservices · Event sourcing · CQRS · DDD · Security (authentication, authorization, penetration-tested systems) · Micro-frontends · TDD with xUnit

Data and messaging: Kafka · PostgreSQL · MySQL · Redis · Neo4j · SQL Server · Elasticsearch · MQTT (Mosquitto)

Platform and SRE: Kubernetes (cloud and bare metal) · Helm · GitLab CI/CD · GitHub Actions · Flux · Datadog · Google Cloud · Azure · Open Telekom Cloud · Claude Code and coding agents

Frontend: Vue 2 and 3 (TypeScript) · React · single-spa (micro-frontends) · SCSS

PROJECTS & RESEARCH

Neo4j.Berries.OMG

[GitHub repository](#) · [Medium article](#) · [YouTube video](#)

- Object-graph mapper for Neo4j in C# and .NET 8, MIT license, main contributor: **41** stars on GitHub

YouTube channel on Kubernetes, CI/CD, Keycloak and micro-frontends

[YouTube channel](#)

- 47** videos in English, from bare metal Kubernetes and GitLab runners to Flux, Keycloak and single-spa; **126k** views in total

easy-js-camera, easy-vue-camera, easy-ts-camera

[GitHub repository](#)

- Small open source camera wrappers for the browser (JavaScript, Vue, TypeScript) published on npm: about **21,000** downloads in the last 12 months

WORK EXPERIENCE

Senior Full-Stack Engineer · Kaufland e-commerce, Remote, Germany | March 2025 – Present

- Built a Go backend service from scratch, following the company conventions and standards: it serves B2C users with millions of requests at the year-end peak, plus B2B and internal users
- The same service feeds systems of other teams through Kafka and event sourcing; a second backend in NestJS (TypeScript) pushes events to millions of user devices on the B2C side
- Lead complex initiatives that need technical judgment and communication across teams; responsible for the design and architecture decisions inside the team
- Deployments on Kubernetes with Helm and GitLab CI/CD on Google Cloud, MySQL, Redis and Kafka behind the services; Claude Code and coding agents are part of the daily toolchain

Software Architect · gis-consulting GmbH, Trossingen, Germany (hybrid) | January 2023 – February 2025

- Led the migration of a monolithic application to microservices: architecture, development and deployment of the new services in C# (.NET) and Node.js, with GraphQL, Neo4j, PostgreSQL, Kafka, Elasticsearch and Redis
- Team lead of **6 to 7** developers (3 remote in Ukraine, 3 to 4 in Germany), mentored them along the way; about **40** services carved out at first, later stripped down to 10 with a more generic system design
- Services I designed at gis passed **4** penetration tests by Turingpoint between 2020 and 2025, scores above **95** out of 100, on on-premise networks and on Azure and Open Telekom Cloud (the first while still Full-Stack Engineer, the rest as architect)
- Managed the GitLab CI/CD pipeline and the Kubernetes deployments (Helm) on Azure, Open Telekom Cloud and on-premise clusters

Full-Stack Engineer · gis-consulting GmbH, Trossingen, Germany (hybrid) | June 2020 – December 2022

- Backend services in C# (.NET) and Node.js (TypeScript), some Go: GraphQL, SQL Server, Kafka, Elasticsearch, Redis, xUnit tests
- Built the new frontend in Vue 2 and 3 with single-spa micro-frontends, TypeScript and SCSS
- Kubernetes deployments with Helm and GitLab CI/CD on Azure, Open Telekom Cloud and on-premise

Web Developer · NavaTec GmbH, Remote from Iran / on-site Heilbronn, Germany | August 2016 – May 2020

- Responsible for a new SaaS product, from the backend to the frontend, and its deployment to the cloud
- C# (ASP.NET MVC) and PHP (Laravel) backends with MySQL, PostgreSQL and Elasticsearch; frontend with jQuery, Bootstrap and Vue 2
- First job in an international team

Full-Stack Developer · Freelancer, Iran | August 2012 – September 2016

- Client projects during university, a wide range of technologies at first, then web development as the main path

EDUCATION

Bachelor, Software Engineering · Jahrom University, Jahrom, Iran | September 2009 – June 2015

LANGUAGES

English (Fluent) · German (Intermediate (B1)) · Persian (Native)