

Cemal Türkcan

Senior Backend / Full-Stack Engineer

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PROFESSIONAL SUMMARY

Full-stack engineer with 5+ years of experience, mostly on the backend. Day to day, I work with Java and Spring Boot, Go, and Node.js, building microservices and REST APIs that run on Docker and Kubernetes. I have built payment and POS systems, e-commerce platforms, real-time streaming, and CRM tools, and I am comfortable working across the stack when a project needs it.

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, Go, JavaScript, TypeScript, SQL

Backend: Spring Boot, Node.js, NestJS, REST APIs, Microservices, Event-Driven Architecture (EDA), Domain-Driven Design (DDD), Middleware

Frontend: Vue.js, Nuxt, React, Next.js, React Native

Data & Messaging: PostgreSQL, MongoDB, Elasticsearch, Redis, RabbitMQ, MQTT

Infrastructure & DevOps: Docker, Kubernetes, Helm, Terraform, CI/CD (GitLab CI), OpenTelemetry, Git

Real-Time & Cloud: WebRTC, WebSockets, Firebase, Google Cloud (GCP), Pub/Sub, commercetools

WORK EXPERIENCE

Senior Software Engineer

Apr 2026 - Present

Nuevo Softwarehouse, Remote

I work on Blanco, a commercetools-based e-commerce platform that the Nuevo team runs end to end. The backend is five Spring Boot services in Java and Kotlin, including a shop API gateway with 27 REST controllers, a payment API integrated with Deutsche Bank Merchant Solutions (cards, PayPal, Apple Pay, Google Pay), and the synchronization between the Xentral ERP and commercetools, running 18 scheduled tasks for stock, prices, orders and refunds. The storefront serves 21 countries in 24 languages; I build it with Nuxt and Vue.js, deploy everything on Kubernetes with Helm, and manage the commercetools configuration with Terraform.

Senior Backend Developer

Oct 2025 - Apr 2026 (7 mos)

Paymore, Remote

I worked on Paymore, a POS and payment platform for unattended self-service machines whose QR payment flow is used by large companies like Petrol Ofisi. The backend was eight Node.js microservices plus a Go reverse proxy, running on MongoDB, Elasticsearch, Redis and RabbitMQ, with MQTT for device telemetry. I optimized it for high traffic, rebuilt most of the legacy Express services in TypeScript with OpenTelemetry instrumentation, and built the payment integration for AC and DC EV charging stations. The platform handled 11 payment methods through integrations with 13+ providers like iyzico, Craftgate, Verifone and Ziraat vPOS.

Senior Full-Stack Developer

Jan 2025 - Oct 2025 (10 mos)

Asthoria

I worked on both the backend and the real-time features of a social media application. I first built the backend with NestJS, then moved it to Go for better performance and scalability. I set up Firebase push notifications and handled in-app purchases on the Google Play Store using Pub/Sub and the Play Developer APIs. I also built a many-to-many live streaming system with WebRTC and WebSockets, fully in Go, using an SFU architecture.

Co-Founder

Oct 2023 - Present

HAVOC Technology

I co-founded HAVOC Technology, where we build our own full-stack products end to end. I write the backend with Java and Spring, and build the web and mobile sides with Vue.js, JavaScript and React Native. I integrate the Google APIs we need and I have published several of our apps on the Google Play Store. I am part of every stage, from the first idea to deployment, including architecture, CI/CD and DevOps.

Full-Stack Developer

Nov 2021 - Oct 2024 (3 yrs)

CatchSoft

I worked as a full-stack developer on several large products across CRM, e-commerce and POS analytics. I helped build a CRM with Spring Boot, Vue.js and PostgreSQL, and modernized a legacy .NET system by refactoring the backend and moving it to a fully web-based architecture. I also worked on a customizable e-commerce platform where users could create and publish their own online stores, and on a real-time analytics app for Omni POS that turned live data from restaurant POS systems into insights about tables, waiters, products and performance. Across these projects I worked with microservices, event-driven communication and Kubernetes deployments.

Full-Stack Developer

Jun 2023 - Feb 2024 (9 mos)

VENHANCER

Together with the CatchSoft team, I joined an insurance project at VENHANCER to support their development. I built REST APIs with Spring Boot and used React on the frontend, applied event-driven design and domain-driven design, used Redis for caching, integrated several external services and wrote the middleware the project needed.

EDUCATION

High School Diploma, Computer-Aided Machine Manufacturing (2020)

Pendik Vocational and Technical Anatolian High School, Istanbul, Türkiye

LANGUAGES

Turkish (Native), English (B2)