

Berke Duzgun

Software Engineer

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Expert Software Engineer and startup founder with a strong focus on high-availability backend systems, financial payment infrastructures, and end-to-end full-stack development. Proven track record of building scalable microservices, managing cloud architectures, and leading complex feature deployments for enterprise clients. Passionate about creating premium, user-centric SaaS products, optimizing heavy workflows, and engineering robust system designs.

WORK EXPERIENCE

Expert Software Engineer

March 2026 – Present

Dgpays, Remote

At Dgpays, I actively contribute to large-scale financial transformation projects through end-to-end full stack development. My primary focus involves building and optimizing core banking and advanced reporting modules. In addition to application development, I take hands-on responsibility in DevOps operations.

Full Stack Developer

February 2024 – March 2026

Innovance Consultancy, Istanbul

I worked within SIBS (European payment infrastructure company), focusing on payment infrastructures, batch systems, tokenization, and card systems. I contributed to backend development and integration processes in high-availability financial environments. Previously, I worked as a backend developer in ticketing and travel applications, focusing on provider-based operations, backoffice systems, web development, and third-party integrations. I also contributed to R&D projects, working in various areas of artificial intelligence and experimental system design. Additionally, I developed both the frontend and backend of the GSYIAD backoffice panel for the Galatasaray Board of Directors.

Full Stack Developer

February 2023 – February 2024

Acibadem Healthcare Group, Istanbul

I worked at Acibadem Technology as a Full Stack Developer, primarily contributing to Cerebral Plus—a comprehensive healthcare management and information system developed for international hospitals and health chains. I focused specifically on the financial and administrative modules of the application. Taking end-to-end responsibility, I developed the charging systems, invoice processing, and advanced reporting infrastructures. By building both the frontend and backend components of these critical modules, I contributed to optimizing the financial operations and data tracking processes for large-scale healthcare facilities.

Founder

February 2023 – January 2024

Viveven, Istanbul

Founded a technology startup focused on building internal SaaS products and delivering high-performance software solutions for contracted enterprise clients. During this time, I successfully engineered, scaled, and exited a proprietary data scraping and data analytics platform designed for automated web data extraction and intelligent market insights. I managed the entire product lifecycle from initial architecture to commercialization, resulting in a successful product acquisition within a one-year timeframe.

Software Developer

November 2022 – February 2023

Sixfab, California

As a Contract Full Stack Developer, I designed and developed an end-to-end containerized web application. I built a secure RESTful API using Python (Flask) with JWT-based authentication, and utilized MongoDB with MongoEngine for data modeling. On the frontend, I developed the user interface with Vue.js, implementing Vuex for efficient state management. Finally, I fully Dockerized the project architecture to ensure seamless deployment and scalability.

Software Developer

May 2022 – October 2022

Nextlua, Istanbul

As a Back End Developer at NextLua, I contributed to the development and maintenance of core operational systems for major mobility and automotive brands, including Garenta, Ikinciye, and Getir Araç (Moov). My work primarily focused on building, optimizing, and scaling CRM and CMS platforms. I was responsible for backend architecture and integrations, ensuring robust and high-performance system operations that supported large-scale customer management, vehicle operations, and sales processes.

EDUCATION

Kocaeli University - 2020 / 2025

Bachelor of Engineering — Electronics & Communication Engineering

Meram Science Highschool - 2016 / 2020

SKILLS

Frontend: JavaScript, TypeScript, React.js, Next.js, [Vue.js](#), React Native, HTML, CSS, MobX

Backend: C#, ASP.NET Core, Java Spring Boot, Go, Python, Flask, RESTFUL

Databases & ORMs: PostgreSQL, MSSQL, Oracle, MongoDB, NoSQL, Vector DB, Redis, EntityFramework, Prisma, Drizzle, Mongoose, Dapr

Architecture & Practices: Microservices, Domain-Driven Design (DDD), CQRS, Test Driven Development (TDD), Task Management

DevOps & Cloud: Azure, AWS, DevOps, Cloud Applications, Docker, RabbitMQ, Kafka, Elasticsearch, Git

AI & Data: Generative AI, Prompt Engineering, LLM Integration, AI-Powered Applications, TensorFlow

HOBBIES

- **Professional Tennis:** Actively playing and training at a professional level.
- **Precision Target Shooting:** Regular practice at the shooting range, focusing on tactical accuracy, focus, and technique.
- **Cinematography & Film:** Deeply passionate about visual storytelling, film analysis, and researching advanced shooting techniques.
- **Culinary Arts & Nutrition:** Exploring world cuisine, with a specific focus on crafting healthy, protein-rich recipes.
- **Literature:** Avid reader of philosophy and psychology.
- **Music:** Playing the piano at an amateur level.

LANGUAGES

- **Turkish:** Native
- **English:** Professional Working Proficiency
- **Spanish:** Beginner