Mehmet Furkan DOGAN

Cankaya
06490 Ankara, Turkey

+(90) 543 346 01 88
mehmet@mehmetfd.dev
mehmetfd.dev | linkedin.com/in/mehmet-f-dogan | github.com/mehmet-f-dogan

Summary

Senior software engineer proficient in developing scalable and dynamic web applications using Go, Java, JavaScript, and TypeScript. Fluent in English, German, and Turkish, enabling effective collaboration within diverse and remote teams. Worked at both startup and traditional corporate environments.

Skills

- Programming languages: Proficient in Go, Java, JavaScript, and TypeScript.
- Front-end technologies: Experienced in HTML, CSS, Tailwind CSS, Next.js, and React.
- Back-end technologies: Designed and developed back-end systems using Fiber, Node.js, Spring and RabbitMQ.
- Database management systems: Knowledgeable in SQL and NoSQL databases, including Firebase, MongoDB, PostgreSQL, and Redis.
- Cloud: Deployed and maintained software systems on AWS, GCP, Alibaba Cloud and Kubernetes.

Professional Experience

- Senior Software Engineer, DerivAsset (Full-time, Hybrid), 08/2023 – Now
  - Engineered CI/CD pipelines, optimizing development cycles and elevating software quality.
  - Proficiently managed AWS infrastructure, ensuring scalability and 30% cost savings.
  - Developed microservices in Java, Go, and TypeScript, boosting system performance significantly.
  - Designed and implemented REST APIs, fostering seamless communication between services.
  - Mentored a junior developer, fostering collaboration and a growth-oriented team culture.
- Software Consultant, Tawa Supermarket Inc. (Contract, Remote), 01/2023 – 06/2023
  - Provided technical support and guidance to the team during the Google Analytics integration and Alibaba Cloud migration processes, resulting in 99% uptime for 500,000 monthly visitors.
- Software Consultant, ehotel.de (Contract, Onsite), 06/2022 – 11/2022
  - Developed and deployed a full-stack application using Next.js, Java and AWS, customized for customer support specialists to access financial transaction data.
  - Created documentation and training materials to support customer support team of 25 in effectively utilizing the web application for their daily tasks.
- Software Engineer, EDAG Group (Full-time, Remote), 10/2020 – 06/2022
  - Collaborated with the E-Mobility team to develop a dynamic and scalable platform for managing and monitoring electric vehicle fleets.
  - Implemented various features, including geospatial and real-time data processing, using Java, Go, and React with gRPC, RabbitMQ and REST APIs.
  - Utilized GCP services such as Cloud Run, Cloud Build, Cloud SQL, and Cloud Functions, resulting in a 40% reduction in infrastructure costs compared to other similar EDAG products.
  - Played a key role in designing and managing databases, utilizing PostgreSQL, Redis and MongoDB, with a focus on scalability and stability in high-volume production environments.

Education

- M. Sc. in Applied Computer Science, Deggendorf Institute of Technology, 2020 – 2022
- B. Sc. in Computer Engineering, Bilkent University, 2015 – 2019