Mustafa Kendigüzel

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EDUCATION

Ondokuz Mayıs University   **Samsun**
Bachelor's of Science, Computer Science   **GPA**: 3.13

Summary

I am a highly skilled full stack developer with extensive experience in designing and maintaining high-performance applications across various industries. My goal is to leverage cutting-edge technologies to deliver exceptional value to clients and drive innovative projects to success. I specialize in microservice architecture, public cloud services, and relational databases.

WORK EXPERIENCE

Ekip.co   **Istanbul, TR(Remote- Part Time)**
Software Engineer   July 2024 - Present
- Developed and maintained software solutions, ensuring high performance and scalability.
- Transitioned from Firebase to Supabase for real-time data processing to enhance performance and reduce latency.
- Worked with relational databases(postgresql) and non-relational databases such as firebase.

Nutcracker   **Istanbul, TR(Remote)**
Software Engineer   March 2024 - June 2024
- Managed big data manipulation using ClickHouse.
- Implemented a robust data processing architecture capable of handling approximately 600,000 data points daily, utilizing approximately 100 distinct RabbitMQ queue structures to ensure efficient data flow and processing.
- Developed microservices architecture with Prisma and gRPC for scalable solutions.
- Deployed and maintained applications on AWS Cloud, utilizing services like AWS-SNS and AWS-IoT.
- Worked with relational databases, including PostgreSQL.

Tellme   **Samsun, TR(Part Time)**
Software Engineer   Jan 2024 - Jun 2024
- Developed a RESTful API for an authentication system using MongoDB.

Morphosium   **Alanya, TR(Remote)**
Full Stack Developer   April 2023 - Mart 2024
- Designed and implemented monitoring solutions using Prometheus and Terminus.
- Implemented a system where data arriving every 60 seconds via socket connections is processed and subsequently stored for analysis. Approximately 50,000 data points are recorded daily within the system, prepared for reporting and further analysis.
- Developed real-time applications utilizing Socket.IO and RabbitMQ for enhanced user experience.
- Managed CI/CD pipelines and ensured internationalization (I18N) support across projects.
- Utilized Node.js (NestJS) for backend development.

Bugsy   **Samsun, TR**
Co-Founder   Jul 2022 - Sep 2023
- Led development of 'Ev Arkadasim' using React Native and Expo.

Ilus   **Alanya, TR(Remote)**
Full Stack Developer   May 2022 - Sep 2023
- Utilized Google Cloud Services for scalable backend infrastructure.
- Built REST APIs with Node.js (NestJS) for Medionam and Eyedius-One projects.
- Implemented caching mechanisms with Redis and mobile notifications with Firebase.

PERSONAL PROJECTS

[EventTagger](): EventTagger is an innovative event management application that allows users to create events, upload profile photos, and automatically tag participants in event photos using advanced facial recognition technology. This enhances the user experience by enabling easy identification and interaction within event images.

LEADERSHIP & INVOLVEMENTS

Teknofest Unmanned Ground Vehicle Competition   **Istanbul, TR**
Team Lead   Feb 2022 - Aug 2022
- Led a team to develop an unmanned ground vehicle for the competition.
- Designed and implemented AI image processing solutions using Python.
- Coordinated team efforts and ensured project milestones were met.

Teknofest Unmanned Aerial Vehicles Competition   **Bursa, TR**
Software developer   Jan 2021 - Aug 2021
- Developed Python-based image processing software for UAVs.
- Conducted operations on Linux with Raspberry Pi for UAV control.
- Created algorithms for distance measurement using optical logic.

SKILLS & INTERESTS

- **Programming Languages:** Node.js, JavaScript, TypeScript, Python, HTML, CSS
- **DevOps:** Docker, CI/CD, CloudFormation, Elastic Beanstalk
- **Other Tools:** Git, GitHub, GitLab, Bitbucket, Jira, Monday, Postman, Swagger, Notion, Portainer
- **Databases:** PostgreSQL, MySQL, MongoDB, RethinkDB, ClickHouse, Redis, Hazelcast, Elasticsearch, Supabase, Firebase
- **Languages**: English, Turkish
- **Hobbies**: Sing Song, Playing Guitar, Video Games, Playing Football & Volleyball, Traveling