



Yusuf ŞAL

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https://www.yusufsal.com/

Skills

C#



.Net, Reflector, Design Patterns, Source Generation, Clean Code, ORM, Memory Optimization

Javascript



React, NextJS, React Native, NestJS, Typescript, Nodejs

Backend



ORM Design, Domain Driven Design, Layered Design, Authentication, Authorization, CORS

Scalability



Redis, RabbitMQ, Mongodb, System Design, Architecture Design, Serverless

Devops



Docker, Docker Compose, Linux, Jenkins, CI/CD, Scripting

Relational Database



Data Indexing, Data Sharding, Postgresql, SqlServer, Postrest, Transactional

Mobile Development



Flutter, Authentication, Responsive Design, Atomic Design, Authorization, State Management, Streaming

Web Development



HTML, CSS, Bootstrap, Responsive Design, Pixel Perfect, PWA

Languages

English

Advanced



Experience

Human Resources Office Of Presidency Of Turkey

July 2024 - Present

Lead Software Engineer

Ankara

https://cbiko.gov.tr/en

- Led the development of a national **internship application platform**, handling **thousands of daily requests** from users across Türkiye.
- Designed and implemented a **scalable system architecture**, ensuring performance, reliability, and high availability.
- Spearheaded a system **refactoring initiative**, transitioning to **PostgREST** and **serverless functions** to improve maintainability and reduce operational overhead.
- Built a custom **Content Management System (CMS)** to respond swiftly to management requests while preserving **SEO performance**.
- Developed an interactive **Virtual Reality (VR) application** aimed at helping young people explore career options in an immersive and engaging way.
- Collaborated with designers, stakeholders, and IT teams to align development with strategic institutional goals.
- Provided **technical leadership and mentorship**, promoting clean architecture, code quality, and team growth.

Panteon Games

October 2023 - July 2024

Senior Full Stack Software Developer

Ankara, Turkey

https://www.panteon.games/en/

- Maintained and updated **game configuration files** to support new features and balance adjustments.
- Designed and orchestrated **game servers** to ensure smooth operation and seamless scalability.
- Developed an **admin panel** using **React** to manage game configurations and conduct **A/B testing**.
- Built a **backend server application** in **C#**, handling core game logic and data operations.

Freelance

October 2021 - October 2023

Full Stack Developer

https://yusufsal.com

- Built a **web crawler** to scrape websites and store data in a **time-series database (InfluxDB)** for analysis and monitoring.
- Developed and launched a **full-stack meditation app** using **React Native, Expo, Express.js, MongoDB, and Redis**; published on both the **App Store** and **Google Play Store**. Featured in the *Sahaja Meditation & Yoga* section of my portfolio.
- Designed and developed **admin dashboards** with **React** for data visualization and app management.
- Architected a **full-stack scooter-sharing platform**, including mobile (Flutter), backend (NestJS), and infrastructure components (**Redis, PostgreSQL, RabbitMQ, InfluxDB**); delivered the full architecture and codebase to the client's developer team.
- Built a **comprehensive CMS** for Indian food recipes using **Flutter, NestJS, React, MongoDB, and Redis**, featuring Mobile App, Admin Dashboard, and Backend. Highlighted in the *Shri Mataji Nirmala Devi's Recipes* section of my portfolio.

Endeksa

January 2019 - August 2021

Software Developer

https://endeksa.com/en

- Developed and maintained frontend and mobile applications using **React** and **React Native**, including mobile clients and admin dashboards.
- Contributed to a data-driven project integrating **machine learning outputs**, ensuring efficient delivery of model results to end-users.
- Built **scalable backend systems** capable of handling thousands of daily requests with zero throttling or downtime.
- Designed and implemented a robust processing pipeline using **RabbitMQ (queues), Redis (caching), and Docker (virtualization)** to improve scalability and performance.
- Applied **Domain-Driven Design (DDD)** principles to create maintainable Managers and Services in a **.NET** architecture.
- Managed and optimized relational data using **SQL Server**, ensuring performance and data integrity.
- Delivered full-stack applications with **authentication, authorization, and webhook integration**, leveraging **React** and **.NET**.
- Created responsive and visually appealing reports using **HTML, CSS, and modern UI frameworks**.

Education

Karabük University

July 2014- June 2018

Electric And Electronical Engineering

Graduate

3.23/4