

Mustafa KANLI

Full-Stack Software Engineer

Building enterprise software and global mobile products.

React • Angular • Next.js • .NET • React Native • TypeScript

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SUMMARY

Full-Stack Software Engineer with 5+ years of experience building enterprise web platforms and cross-platform mobile applications from concept to production.

Experienced across React, Next.js, Angular, .NET, React Native and modern database technologies, with a strong focus on scalable architecture, clean code, and intuitive user experiences.

Throughout my career I have worked on enterprise systems serving financial institutions while also independently designing, developing, and launching mobile products distributed globally.

I enjoy taking ownership of products end-to-end—from architecture and backend development to deployment, localization, App Store optimization, and continuous improvement.

TECHNICAL EXPERTISE

- Enterprise Software Development
- Software Architecture
- Authentication & Authorization
- Clean Architecture
- Product Development
- UI/UX Engineering
- Cross-Platform Mobile Development
- REST API Design
- Database Design
- Performance Optimization
- Agile Methodologies

PROFESSIONAL EXPERIENCE

Monassist Software Inc. | Sep 2022 - Present

Full-Stack Software Engineer

Develop enterprise-grade software solutions for financial institutions, internal business platforms, and digital products using modern web technologies.

- Develop and maintain enterprise web applications used by multiple banking foundations, delivering full-stack features across Angular, React, Next.js and .NET ecosystems.
- Built a complete Workflow Management System from scratch shortly after joining the company, rapidly learning Angular while independently delivering the frontend architecture and user experience.
- Developed and maintained critical modules for pension, healthcare, authorization, and online banking systems serving thousands of users across multiple financial organizations.
- Designed secure authentication and authorization flows while implementing role-based access control across enterprise applications.
- Worked with highly relational SQL Server databases containing hundreds of interconnected tables, optimizing queries and contributing to large-scale business operations.
- Designed and consumed RESTful APIs, collaborating across frontend and backend teams to deliver production-ready features.
- Translated complex business requirements into intuitive user interfaces using Angular, React, Tailwind CSS and Bootstrap.
- Worked within proprietary enterprise frameworks, quickly understanding existing architectures and delivering new features with minimal onboarding.
- Collaborated in Agile development environments using Azure DevOps, Git and CI/CD workflows.
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Contributed to application performance improvements, bug resolution and long-term maintainability across multiple enterprise projects.

Turkish Aerospace | Jun 2022 - Jul 2022

Software Engineering Intern

- Contributed to the development of enterprise software solutions using React and .NET Core.
- Participated in technology selection, UI implementation and software architecture discussions for internal business applications.
- Designed PostgreSQL database structures and implemented backend business logic for production environments.
- Collaborated with experienced software engineers following Agile development practices and corporate coding standards.

Turkish Aerospace | Dec 2021 - May 2022

Long-term Software Engineering Intern

- Developed modern React components integrated with Node.js backend services.
- Worked with PostgreSQL databases while gaining hands-on experience in enterprise software development.
- Participated in feature development, debugging and software maintenance within large-scale corporate projects.
- Collaborated using Git version control and Agile software development workflows.

PRODUCTS

SeenList — Founder & Full-Stack Software Engineer

React Native, Expo, TypeScript, Supabase, PostgreSQL, Google Sign-In, Apple Sign-In, Localization, Expo Router

Cross-platform movie and TV discovery, tracking and recommendation platform designed for a worldwide audience.

- Founded, designed and developed the complete product from concept to production as an independent software engineer.
- Architected a scalable React Native application using Expo Router, Supabase and PostgreSQL.
- Implemented secure authentication with Apple Sign-In and Google Sign-In integrated with Supabase Auth.
- Localized the application into 26 languages and prepared global releases for the App Store and Google Play.
- Designed reusable UI components and modern application architecture focused on scalability and maintainability.
- Managed the complete product lifecycle including architecture, development, testing, release management, localization and App Store Optimization (ASO).
- Integrated AI-assisted development workflows to accelerate implementation while maintaining production-quality code.
- Published globally through the Apple App Store and Google Play, targeting movie and TV enthusiasts worldwide.

RecipeLink — Founder & Full-Stack Engineer

React Native, Supabase, Node.js, Docker, Google Cloud, AI, PostgreSQL

AI-powered recipe management platform that transforms recipe links into organized, searchable collections.

- Built the complete cross-platform mobile application independently using React Native and Supabase.
- Developed backend services responsible for extracting recipe metadata, media assets and structured content automatically.
- Designed Dockerized automation services deployed on Google Cloud for scalable content processing.
- Integrated AI-assisted content processing to improve recipe extraction and organization.
- Successfully launched globally with support for 25 languages.
- Reached 300+ registered users with more than 800 recipes saved shortly after launch.

SELECTED PROJECTS

ZindeZihin — Full-Stack Engineer

Next.js, .NET, SQL Server

Volunteer platform providing free psychological and nutritional support for earthquake survivors.

- Designed and developed the complete platform using Next.js and .NET.

- Built dedicated interfaces for administrators, psychologists, dietitians and end users.
- Implemented secure authentication and role-based authorization.
- Delivered the project voluntarily to support earthquake relief efforts.

Workflow Management System – Full-Stack Engineer

Angular, .NET, SQL Server

Enterprise workflow management platform developed for internal project tracking and customer collaboration.

- Designed and implemented the frontend architecture independently shortly after joining the company.
- Built customizable workflows for task assignment, approval processes and project lifecycle management.
- Implemented role-based permissions supporting customers, project managers and software teams.
- Delivered production-ready interfaces despite having no prior Angular experience before the project.

LEADERSHIP

IEEE – Vice Chair

- Delivered a four-week web development training program.
- Mentored undergraduate students entering software development.

Entrepreneurship Community – Media Department Coordinator

- Led a team of 20 members.
- Contributed to large-scale university events reaching over 2,000 participants.

SKILLS

Frontend: React, Next.js, Angular, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend: .NET Core, .NET MVC, Node.js, REST APIs, Authentication, Authorization, Clean Architecture

Mobile: React Native, Expo, App Store, Google Play

Database: SQL Server, PostgreSQL, MySQL, Supabase

Cloud & DevOps: Docker, Azure DevOps, Google Cloud, Git, CI/CD

Languages: Turkish (Native), English (Professional Working Proficiency (B2))

EDUCATION

Akdeniz University | 2019 - 2025

Bachelor of Science, Computer Engineering