Mustafa Demirhan

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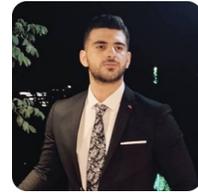
ABOUT

Results-driven Frontend & Full-Stack Developer with strong experience in React, Next.js, Angular and modern web architectures. Experienced in AI-driven products, scalable UI development, Agile/Scrum workflows, and cross-functional teamwork. Passionate about clean code, performance optimization, and delivering real business value.

EDUCATION

Karadeniz Technical University – Computer Engineering   *2025*
Relevant Coursework: Algorithms, Artificial Intelligence, Operating Systems, Computer Architecture, Databases, Programming Languages

SKILLS AND LANGUAGES

Languages & Frameworks: JavaScript, TypeScript, React, Next.js, Angular, React Native, Node.js, Laravel, SQL, Python

State & Backend: NgRx, Firebase, Supabase, MSSQL

Tools: Git, GitHub, Jira, Trello, Notion, Figma, Photoshop

Methodologies: Agile, Scrum, Sprint-based Development, Clean Code

PROFESSIONAL EXPERIENCE

Rappider Ai, Turkiye   *Jul 2024 - Dec 2025*
Frontend Developer

- Developed complex, scalable user interfaces using **Angular**, focusing on component-based architecture and performance optimization.
- Built **responsive** and **user-friendly interfaces** for both desktop and mobile platforms.
- Managed application state with **NgRx**, ensuring predictable and efficient data flow.
- Integrated frontend applications with **backend** services and **third-party APIs**.
- Actively improved **UI/UX** quality through continuous iteration and feedback.
- Worked in **Agile/Scrum** teams, managing sprint tasks via **Jira** and collaborating closely with designers and backend developers.
- Contributed to AI-powered web solutions used in real business processes.

CryptOps, Turkiye (Team Project)
Mobile Developer

- I worked on the mobile part of the Metaverse startup project.
- We used **React Native** for the frontend and connected the backend with **Supabase.**
- I **lead** the mobile development team.

Clashub, Bursa (Intern)
Software Developer

- I worked on the front end of the blockchain project.
- I developed 2 pages of the project with **React.**
- I gained experience and implemented front-end **APIs, context structures, states,** blockchain connections and many libraries.

Freelance, Turkiye

Full-Stack Developer

- Developed various web platforms including e-commerce, CRM systems, QR menu solutions, news portals, and corporate websites.
- Built frontend solutions with React / Next.js, backend services with Firebase, Supabase, Laravel, and database systems.
- Implemented features such as dark mode, multilingual support, analytics, and authentication.

Featured Freelance Project – Empatika (AI-Powered Education Platform)

Live: https://empatika.netlify.app/

- Full-stack development of a **role-based education platform** for a university-affiliated organization.
- Supported **Admin**, **Participant** (trainer/consultant), and **Student** user roles
- Built with **Next.js 15 (App Router)**, **React 19**, **TypeScript**, and **Tailwind CSS**.
- Implemented **Firebase Authentication**, **Firestore**, **Storage**, and **Analytics**.
- Integrated a custom **AI chat system** using **OpenAI GPT-4o-mini**.
- Delivered as a **PWA**, optimized for performance and cross-device usability.

TEACHING & ACADEMIC EXPERIENCE

Young Establishment of Turkey Exporters Assembly (İNOVA-TİM)

- Delivered Arduino and basic programming workshops at an Anatolian High School.
- Gained hands-on experience in structured teaching, curriculum preparation, and technical mentoring.
- Content and materials prepared in a professional, academic format suitable for university-level collaboration.

ADDITIONAL PROJECTS & INTERESTS

- **AI & Prompt Engineering**: Active experience in AI-assisted development, prompt design, and AI-driven product workflows.
- **Smart Home Systems**: Offline voice-command based smart home integration project.
- **Startup Experience**: Founder of an unpublished web/mobile startup; responsible for UI/UX design, system architecture, and early-stage project management.