

Hamza Ali Doğan

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PROFESSIONAL SUMMARY

Passionate Software Developer dedicated to building high-quality user interfaces and effective web solutions. I focus on achieving the best results by selecting the most suitable tools and technologies for any given challenge. Adaptable to diverse principles and committed to continuous learning, I am a proactive team player dedicated to delivering impactful products that offer real value.

WORK EXPERIENCE

Turkcell

Artificial Intelligence and Data Analysis Intern

Istanbul, Türkiye

Jul 2025 – Sep 2025

- Selected as a Top 15 finalist among 406 projects from 130 universities in Turkcell's "Yarının Teknoloji Liderleri" competition with "LEGITO," an AI-powered mobile app, which resulted in a direct internship offer within the AI and Data department.
- Optimized media search using BLIP-2 and semantic enrichment with LLMs (Gemma, Qwen) via PGVector by improving embedding quality and retrieval accuracy; researched text-to-visualization papers and designed a sample product prototype.
- Gained good knowledge of modern infrastructure (Docker, Kubernetes, ETL, Data Warehouse concepts); followed clean code practices (ESLint, Prettier, Conventional Commits) while working in an Agile (Scrum/Kanban) environment.

Safe Bilgisayar LTD. ŞTİ.

Intern

Denizli, Türkiye

Sep 2021 – Jun 2022

- Gained hands-on expertise in computer hardware maintenance, troubleshooting, and technical repairs while managing customer relations and service documentation, ensuring operational efficiency and high service standards for diverse technical tasks.

PROJECTS

Mingle | Real-time Chat Application - [LINK](#)

Oct 2024 – Mar 2025

- Developed a full-stack real-time chat application featuring private and group messaging, WebRTC video calls, and AI assistants using ReactJS for the frontend and ASP.NET Core for a secure backend.
- Integrated WebSocket for seamless real-time communication and Cloudinary for media management with 84.5% image compression; deployed on Netlify with CI/CD and built a responsive Sass-based UI based on Figma designs.

Shopeny | E-Commerce Website - [LINK](#)

Jul 2024 – Sep 2024

- Built a comprehensive e-commerce website with Google and Email authentication, including full user account management for order tracking, profile settings, shipment monitoring, and payment simulations.
- Utilized Vite and Firebase to manage real-time databases; optimized performance with lazy loading and tree-shaking, resulting in 74.9% image compression and a 32.5% increase in initial page load speed.

Hami | Text & Image Generator - [LINK](#)

Mar 2024 – Apr 2024

- Developed an AI-powered tool for dynamic text and image generation using React and Tailwind CSS, featuring an integrated avatar-based login system and optimized routing for enhanced session management.

EDUCATION

Bartın University

Bachelor of Science in Computer Technologies and Information Systems (CTIS)

Bartın, Turkey

Sep 2022 – Present

- GPA:** 3.4/4.0
- Relevant Coursework:** Artificial Intelligence, Data Analysis, Algorithms, Databases, Web Development, Computer Networks

SKILLS

- Technical Skills:** JS (ES6+), TS, SQL, NoSQL, Python, C#, Java, Next.js, React, Redux, Zustand, Tailwind, Sass, Figma, Firebase.
- Infrastructure & Concepts:** Docker, Kubernetes, ETL, Data Warehouse, AI & LLMs, Agile, Git, REST APIs, Vite, Prompt Engineering.
- Soft Skills:** Team-oriented, Disciplined, Highly Motivated, Strong Communication, Problem-solving Mindset, Attention to Detail.

CERTIFICATES

Version Control - Meta (March 2024)

React Basics - Meta (March 2024)

UX Design - Google (March 2024)