

Emir Can Manici

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Full-Stack Software Engineer

Ships web, mobile & AI products end-to-end · 12 projects delivered · Python · TypeScript · React · Rust · AWS / GCP · B.Sc. 2026

PROFESSIONAL SUMMARY

Early-career full-stack engineer with hands-on production experience building and shipping web, mobile, and AI-powered products end-to-end. Comfortable owning a feature from database to UI using **TypeScript, React, Next.js, React Native, Python, FastAPI, and Rust** on **PostgreSQL, Redis, AWS, and GCP**. Learns fast, ships fast, and uses AI tooling aggressively to deliver beyond a junior's scope. B.Sc. in Information Technology (2026); fluent written English; open to relocation, visa sponsorship, or remote.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), Python, Rust, SQL, HTML5, CSS3
- **Frontend:** React, Next.js, React Native, Vite, Tailwind CSS, Responsive Design, REST/GraphQL clients
- **Backend & APIs:** FastAPI, Node.js, REST APIs, GraphQL, WebSockets, API Design, Auth (JWT/OAuth)
- **Databases:** PostgreSQL, Redis, MongoDB, Schema Design, Caching
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), GCP, Docker, CI/CD, GitHub Actions, Nginx, Linux
- **AI Integration:** LLMs, RAG, AI Agents, OpenRouter, Prompt Engineering, Model Context Protocol (MCP)
- **Practices:** Code Review, Agile, Git, Async/Remote Collaboration
- **Spoken Languages:** Turkish (Native), English (Professional Working Proficiency)

PROFESSIONAL EXPERIENCE

Full-Stack Developer (Contract) — BLGN Studios

Dec 2025 – Jun 2026

- Build web and mobile features for the Mira AI product from a shared codebase, working across a TypeScript/Vite frontend and Python + Rust backend services.
- Deliver iOS and Android features with React Native and Expo from one codebase to keep UX consistent and reduce duplicated work.
- Architect backend data access on PostgreSQL, Redis, and OpenRouter, exposing it through REST and GraphQL APIs for reliable AI model integration.
- Set up CI/CD pipelines with automated testing and deployment to protect code quality on a fast-moving team.

AI Systems Engineer (Contract) — Emrisoft (United States, Remote)

Jun 2025 – Dec 2025

- Built a full-stack AI document platform end-to-end — React frontend, FastAPI backend, PostgreSQL persistence, Redis caching — for legal professionals.
- Integrated multiple AI providers (OpenRouter, OpenAI, Google) with automated failover so the service stayed available when a provider went down.
- Delivered a document editor supporting PDF, Excel, Word, and Turkish government UDF formats with in-app editing and automated validation.
- Deployed and maintained the full stack on a single cost-optimized server, keeping infrastructure lean while sustaining production use.

Web Developer (Contract) — Iskur, Agency of Employment (Burdur, Turkiye)

Mar 2025 – Jun 2025

- Developed responsive, data-driven web interfaces using Python (FastAPI) and TypeScript on Unix systems, with strong debugging discipline.
- Deployed production interfaces built with Next.js and Tailwind CSS via Docker on cloud infrastructure (AWS / GCP).

KEY PROJECTS

Freelance & Personal Portfolio — 12 Projects Shipped

- Delivered 12 web, mobile, and AI projects across legal tech, customer-support automation, and content generation, owning each from build to deployment.
- Built hybrid deployments on local Docker environments and cloud integrations, matching infrastructure to each project's privacy and scale needs.
- Managed cloud pipelines (AWS / GCP) with containerized deployments and monitoring.

EDUCATION

Burdur Mehmet Akif Ersoy University — Bachelor's Degree, Information Technology · Graduated Jun 2026

CERTIFICATIONS & TRAINING

- AWS Certified Cloud Practitioner (In Progress) · Docker and Kubernetes: The Complete Guide · Advanced React Patterns and Performance