Ahmet Utku Çakan

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Profile

Computer Engineering student, co-founder, and full-stack software developer building production AI SaaS, health-tech, and mobile systems. Experience spans backend architecture, LLM and Voice AI workflows, third-party integrations, React/Flutter applications, PostgreSQL/Redis infrastructure, and Docker-based deployment.

Education

B.Sc. in Computer Engineering 2024 - Expected Graduation: 2028
Gazi University *Ankara, Türkiye*

Experience

Co-Founder and Software Developer 2025 - Present
Needle Mail *Ankara*

- Architected backend services and production infrastructure for an AI-powered email and work management platform integrating Gmail, Outlook, and standard email accounts.
- Designed LLM workflows that extract tasks, deadlines, response requirements, critical context, and operational risks from messages and attachments.
- Built OAuth integrations and a production Docker stack with PostgreSQL, Redis, Apache Tika, Caddy, scheduled workers, notifications, and AI usage/cost tracking.

Co-Founder and Software Developer Jan 2026 - Present
Cally *Ankara*

- Built backend services and integration infrastructure for multilingual Voice AI workflows that execute CRM, calendar, webhook, and database actions during live phone calls.

Co-Founder and Software Developer Dec 2025 - Present
Unicore Social *Ankara*

- Led backend, database, integration, and release processes for a mobile platform spanning students, communities, events, and messaging; shipped the product's App Store release.

Selected Projects

Enbio Medikal Health Technologies Platform | *FastAPI, React, PostgreSQL, OCR, DICOM* Project-based

- Implemented role-based authorization across four user roles: patients, physicians, reviewers, and administrators; also built clinical evaluation and approval workflows.
- Developed OCR-based document and laboratory-result processing and DICOM imaging features across the platform.

Yokla | *FastAPI, React, PostgreSQL, QR, Real-Time Workflows* 2026 - Present

- Built backend services, data models, and user flows for field operations spanning task assignment, location tracking, QR check-ins, live status, and reporting.

Technical Skills

Languages: Python, TypeScript, JavaScript, SQL, Dart, HTML, CSS
Backend & APIs: FastAPI, REST APIs, OAuth, Webhooks
Frontend & Mobile: React, Flutter, Vite
AI & Data Processing: LLM integrations, Voice AI, OCR, DICOM, document processing
Database & Infrastructure: PostgreSQL, Redis, Docker, Docker Compose, Linux, Nginx, Git
Language: English - C1 (EF SET English Certificate)