

Fatih Altınışik

Software Engineer | Backend, AI Systems & Mobile

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- [Personal Website](#)

EDUCATION

FMV Işık University, Istanbul - Bachelor of Science in Software Engineering (2022-2026)

- **GPA:** 3.47/4.0 - *1st in Department, Honours Graduate*
- **Relevant Courses:** Data Structures and Algorithms, Database Systems, Software Requirement Engineering, Software Architecture, Software V&V, Algorithm Analysis, Software Project Management, Artificial Intelligence, Agentic Software Engineering, Human-Computer Interaction, Computer Vision

EXPERIENCE

Backend & Blockchain Developer – TriO Blockchain Labs (June 2025- Present)

- Engineering scalable backend systems, orchestrating AI-agent workflows, and integrating secure blockchain and database infrastructures.
- Developed system architecture and backend of Whitepaper IQ B2B and B2C platform.
- Developed system architecture and backend of Trilema WaaS, self-custodial wallet infrastructure.
- Gave a speech at the biggest events of Türkiye such as BTM Sahne XL, Take Off İstanbul 2025, Finext İstanbul 2025 as being a representative of the firm.

Skills: Node.js, TypeScript, Solidity, Ethereum, Base, Solana, MongoDB, PostgreSQL, Redis, AWS, Docker, Kubernetes, LangChain

Mobile Developer Intern – Thread In Motion (August 2024 – September 2024)

- Wrote background services that collect and transmit battery status, temperature, location, and sensor data of IoT devices in real time.

Skills: React Native, Node.js, Kotlin, Postman

Mobile Developer Intern – Reel Çözüm (October 2023 – August 2024)

- Developed mobile applications and background services using Flutter and React Native where clients can manage warehouse stocks, orders, returns, and reporting.

Skills: Flutter, React Native, Postman

Turkish Ambassador- KCEX (December 2024 – October 2025)

- Grew and managed the Turkish market community through social media and product feedback; contributed to a 3x increase in Turkish user base.

Skills: Community Communication, Social Media Marketing, Social Media Management

PROJECTS

Whitepaper IQ - home.whitepaperiq.com

- Whitepaper IQ is an AI-driven Web3 due diligence platform that generates objective analysis reports by cross-validating off-chain project promises with real-time on-chain data.
- Architected the enterprise B2B SaaS backend, featuring a multi-tenant PostgreSQL schema and a unified credit system, while engineering a context-aware LangChain/AWS Bedrock AI Agent driven by a deterministic data pipeline to minimize hallucination risk.
- Won an award in the Blockchain+AI category at the ETH Istanbul 2025 hackathon; currently serving 1,000+ active users.

Skills: Blockchain, Base L2, Node.js, Express.js, TypeScript, Python, MongoDB, AWS, Docker, Kubernetes

MeetAI - meetai.pro

- Architected and engineered a standalone desktop app with three parallel AI pipelines (Vision, Audio, NLP) delivering real-time meeting coaching alerts with 3–4s end-to-end latency.
- Vision pipeline: MediaPipe FaceMesh for focus quantification at 10 FPS. Audio: Pyannote + Whisper + SpeechBrain for speaker diarization and transcription. NLP: self-hosted Qwen2.5 3B for semantic agenda adherence scoring.

Skills: Python, Electron.js, React, TypeScript, Node.js, Express.js, FastAPI, MediaPipe, Pyannote, Whisper, SpeechBrain, Redis, PostgreSQL

My Legacy: Football Career - mezzalagames.com

- Designed and engineered a mobile football career simulation combining deep statistical modeling with life decision mechanics; live on both Android and iOS with 100,000+ installs.
- Architected the core simulation engine with deterministic progression algorithms and branching choice matrices driving player career outcomes.
- Contributed to UI/UX design direction and independently created the majority of in-game assets, blending a modern decision-based UI with a 16-bit retro visual identity.

Skills: React Native, Mathematical Modeling, Game Design, UI/UX Systems, Asset Creation

EcoRoute - [EcoRoute](https://ecoroute.com)

- Developed a public transit simulation engine projecting 150M TL annual savings on an 8.5B TL fuel budget of IETT with zero hardware cost.
- Won 1st place at the Istanbul Metropolitan Municipality (İBB) Intelligent Transportation Systems Datathon in March 2026.

Skills: Data Science, Machine Learning, Python FastAPI, React

Shipped - shipped.avorian.com

- Developed and released a macOS/iOS application using GitHub GraphQL API that visualizes development habits of programmers with dashboards and native widgets.

Skills: Swift, SwiftUI, WidgetKit

VOLUNTEER ACTIVITIES

Founding Vice President – Işık University Blockchain Club (July 2023 – Present)

- As a team, we organized webinars, seminars, summits, and events to connect people with the blockchain ecosystem and provided training. We participated in 20+ hackathons and won 5+ times.

Fellow & Volunteer – 23 Foundation (December 2023 – October 2025)

- Following a challenging process starting with Summit 23, including interviews, camps, and elimination stages, I became one of the 69 individuals selected from among 50,000 university students and graduated at the end of two years.
- Took a role in 23's Brand and Communication department and worked on developing 23's brand and marketing strategies.

TECHNICAL SKILLS

- Programming Languages: Java, Dart, Python, JavaScript, TypeScript, Swift, Solidity
- Frameworks & Technologies: Flutter, React Native, React, Next.js, Node.js, Express.js
- Database & DevOps: MySQL, PostgreSQL, MongoDB, Redis, AWS, Docker, Kubernetes
- AI/ML: MediaPipe, OpenCV, Whisper, Pyannote, SpeechBrain, AWS Bedrock, LangChain
- Version Control: Git, GitHub
- Modeling: UML, C4

LANGUAGES

- English: Professional Working Proficiency
- Turkish: Native