

FIRAT TAMUR

Backend Software Engineer

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SUMMARY

Backend Software Engineer experienced in building APIs, data pipelines, and cloud-based services using Python, FastAPI, AWS, SQL, and Terraform. Worked across startups and enterprise environments to deliver scalable backend systems and AI-powered features.

EXPERIENCE

Backend & AI Engineer

Freelance 📅 01/2025 - 09/2025 📍 Istanbul, Turkey

- Built and launched 8 AI-powered mobile apps using SwiftUI and Firebase Functions
- Developed backend features including authentication, subscriptions, and data services
- Integrated OpenAI-based features and handled release, optimization, and user onboarding
- Scaled apps to 10K+ downloads and generated \$700 in monthly recurring revenue

Software Engineer

Lucida AI 📅 09/2024 - 01/2025 📍 Istanbul, Turkey

- Built FastAPI backend services powering a voice-based AI learning platform
- Integrated OpenAI and LangChain for real-time conversation features
- Replaced outsourced voice system with LiveKit, cutting operational cost
- Set up CI/CD and deployments using AWS, Terraform, and Docker

Software Engineer

Mindsite 📅 04/2023 - 09/2024 📍 Istanbul, Turkey

- Developed FastAPI microservices and data APIs used in 20+ countries
- Built data processing pipelines using Airflow, BigQuery, Redis, Celery, and Pub/Sub
- Built sentiment analysis API using GPT models and LangChain with production integration
- Fine-tuned GPT-3.5 models to reduce LLM API costs
- Delivered client-specific backend features and collaborated with product/data teams

Software Engineer

Amadeus 📅 06/2022 - 01/2023 📍 Istanbul, Turkey

- Contributed to backend systems for airline loyalty programs using Java and Spring Boot
- Maintained and extended REST APIs and improved service performance
- Helped refactor legacy code and reduce bugs across services
- Collaborated with cross-functional teams to support large-scale deployments

FIND ME ONLINE

- in** **Linkedin**
<https://www.linkedin.com/in/firat-tamur/>
- G** **Github**
<https://github.com/firattamur>
- M** **Medium**
<https://medium.com/@firattamur>

EDUCATION

Bachelor of Science in Computer Engineering

Koç University

📅 09/2016 - 06/2022 📍 Istanbul, Turkey

GPA
3.34 / 4.0

Double Major in Industrial Engineering

Koç University

📅 09/2019 - 06/2022 📍 Istanbul, Turkey

- Pursued a double major to deepen skills in optimization, problem solving, and analytical modeling.

GPA
3.3 / 4.0

SKILLS

Python	SQL	Swift	Java	JavaScript
FastAPI	Spring	Firebase Functions		
AWS (Lambda, S3, ECS)		Terraform	Docker	
GCP	OpenAI API	LangChain	CI/CD	Git
LiveKit	WebRTC	WebSockets	Airflow	
BigQuery	Redis	Celery	Pub/Sub	

LANGUAGES

English Proficient ●●●●●

Turkish Native ●●●●●