

# MEHMET EGE AYDIN

Computer Science Student at TUM

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## PROFILE

Computer Science student at TU Munich (2nd semester) with a strong focus on cloud architectures and backend engineering. Certified AWS Solutions Architect (Associate) with practical experience in designing high-availability (Multi-AZ) and scalable cloud infrastructures.

## EXPERIENCE

### AI-Engineer (Working Student)

SynTwin | Munich, Germany | Feb 2026 – Mar 2026

- Developing frontend features for a microservices-based AI platform using React, TypeScript, Deno, and TanStack Query.
- Built and monitored AI pipelines with Langfuse, enabling trace analysis, token usage monitoring, and performance optimization.
- Accelerated development workflows by leveraging Claude Code for AI-assisted implementation and code reviews.

### Cloud Architecture Trainee

LimonCloud (AWS Premier Tier Partner) | Apr. 2024 - May 2024

- Designed a high-availability Multi-AZ 3-tier architecture for a WordPress portal serving 10,000+ concurrent users.
- Integrated AWS WAF and CloudFront for secure, low-latency content delivery, while utilizing Auto Scaling and RDS Read Replicas to handle heavy traffic spikes.
- Designed custom VPC network structures including public/private subnets and NAT Gateways.

### Mobile Application Developer (Freelance)

Bionluk | Remote | Dec 2021 – May 2022

- Developed patient management applications for dental and veterinary clinics using Flutter & Dart.
- Integrated **Google Cloud APIs** (Google Maps Platform) for location tracking and missing pet reporting.

### Software Engineer (Intern)

Webyayim | Istanbul, Turkey | Jun 2020 – Nov 2021

- Developed a full-scale taxi application from scratch using Flutter & Dart.
- Extensive use of **Google Cloud Services**: Implemented Location, Route, and Places APIs for real-time navigation and fare calculation.

## EDUCATION

### Technical University of Munich (TUM)

B.Sc. Computer Science  
Since Oct 2025

### University of Wuppertal

German Intensive Course  
2024 - 2025

## TECH-STACK

### Cloud & Infrastructure

AWS (EC2, S3, RDS, VPC, CloudFront, Auto Scaling, Route53), Multi-AZ Architecture, High Availability

### Backend & Messaging

Deno, Java, MariaDB, Apache Kafka, RabbitMQ

### Frontend & Mobile

TypeScript, React, TanStack Query, Flutter, Dart, Kotlin

### Tools

Git, VS Code ([Open Source Contributor](#))

## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (2024 – 2027)
- AWS Cloud Training (Boğaziçi University & LimonCloud)
- Microsoft Certified Solutions Developer (SmartPro)

## LANGUAGES

- Turkish: Native
- English: C1
- German: C1
- French: A1