Eren Tuna Acikbas

Software Engineer

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SUMMARY

Software Engineer with 5+ years of experience building high-performance backend systems, microservices architectures, and cloud-native platforms. Proficient in Golang, Python, and Kubernetes. Published researcher in deep learning. Currently pursuing M.S. in Artificial Intelligence and Robotics.

EXPERIENCE

Mid-Level Software Developer — 2025 -- Present
GoWit Inc. — Ankara, Turkey

- Developing high-performance backend solutions for adtech using Golang and Python
- Building scalable distributed systems with a focus on AI and data science integration
- Designing real-time data pipelines processing billions of ad events daily using Kafka and Redis

Technical Team Lead — Jun 2024 -- Dec 2024
Implementation Partners — Ankara, Turkey

- Led a team of 10+ developers on a finance sector product for banking infrastructure
- Designed and delivered performance-optimized backend systems handling secure financial transactions
- Coordinated cross-functional collaboration between engineering, product, and QA teams

Software Developer — 2023 -- 2024
Implementation Partners — Ankara, Turkey

- Developed cloud-native banking platform using Golang and microservices architecture
- Implemented Kubernetes orchestration for container deployment and scaling
- Built gRPC services and REST APIs for inter-service communication

Junior Software Developer — 2021 -- 2023
Valantic — Germany (Remote)

- Integrated AI/ML technologies into production enterprise systems
- Collaborated with multicultural, cross-functional teams across European markets
- Developed automated retraining pipelines using Python, TensorFlow, and Docker

Freelance Software Developer — 2019 -- 2021
Bionluk — Freelance

- Delivered multiple cross-platform mobile applications using Flutter and Dart
- Integrated Firebase and REST APIs for backend services across iOS and Android

EDUCATION

M.S. in Artificial Intelligence and Robotics — 2025 -- Present
Ankara University — Ankara, Turkey

B.S. in Petroleum and Natural Gas Engineering — 2019 -- 2024
Middle East Technical University (METU) — Ankara, Turkey

Associate Degree in Computer Programming — 2024 -- Present
Istanbul University — Istanbul, Turkey

PUBLICATIONS

Y. Atilkan, B. Kirik, **E. T. Acikbas**, F. Ekinci, K. Acici, T. Asuroglu, R. Benzer, M. S. Guzel, and S. Benzer. ''Enhancing crayfish sex identification with Kolmogorov-Arnold networks and stacked autoencoders.'' Scientific Reports, Nature, 2025. DOI: 10.1038/s41598-025-34095-z

TECHNICAL SKILLS

Languages: Golang, Python, Rust, Dart, Shell, SQL

Infrastructure: Kubernetes, Docker, Kafka, Redis, PostgreSQL, Oracle Cloud

Tools and Frameworks: Git, CI/CD, Microservices, REST APIs, gRPC, Flutter, TensorFlow, Firebase

Concepts: Distributed Systems, Event-Driven Architecture, Machine Learning, Deep Learning