

UMUTCAN KALKAN

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SUMMARY

Software Engineer focused on high-traffic backend systems, AI-assisted development, and measurable business impact. Experienced in Golang/Python services, distributed messaging and caching, cloud-native infrastructure, and building AI-driven workflows that automate development and operational processes. Focused on reliability, performance, and scalable engineering.

WORK EXPERIENCE

Software Engineer · Insider One

Dec 2025 – Present

- Developed and maintained high-traffic WhatsApp messaging services, delivering production features and bug fixes using Golang, Redis, and Amazon SQS.
- Applied AI-first engineering workflows with Claude and Codex across implementation and testing, accelerating development while improving consistency and reliability.
- Contributed to codebase-aware AI plugins and reusable skills that automate parts of the coding workflow, enabling more accurate, lower-error changes across large codebases.

Software Engineer · Getir Araç — Hybrid

Jan 2022 – Nov 2025

- Built AI-driven automation for membership approvals and coupon validation, reducing manual decision time and operational latency; pipeline optimization contributed ≈ \$12,500 monthly profit increase.
- Designed a computer vision pipeline for vehicle damage detection, accelerating maintenance triage and improving detection accuracy.
- Led migration of performance-heavy Python services to Golang, improving throughput and reducing compute resource costs.
- Optimized services with Kubernetes, Redis, Celery, RabbitMQ, and Elasticsearch, and collaborated with frontend teams to improve API contracts and user experience.

Backend Developer · Akinon — Remote

Jul 2021 – Jan 2022

- Maintained and improved backend services, resolving client-reported production issues with a focus on stability.
- Improved code quality by writing tests and implementing correctness fixes across multiple modules.

Software Engineer · Envanterium — Remote

Sep 2020 – Jul 2021

- Developed backend with Django and frontend with React for inventory management and HR systems; shipped new modules and resolved performance bottlenecks.

Project Intern · Renault Group — Bursa, Turkey

Feb 2020 – Aug 2020

- Developed internal factory web tools using Flask and vanilla HTML/CSS/JavaScript; integrated SOAP APIs and built admin interfaces for internal data operations.

EDUCATION

Bachelor of Science in Computer Engineering

2015 – 2020

Celal Bayar University

GPA: 2.42 / 4.00

ADDITIONAL INFORMATION

- **Technical Skills:** Python (Django, FastAPI) • Golang • C#/.NET • Kotlin/Android • JavaScript (React, HTML, CSS) • Kubernetes • MongoDB • Redis • Amazon SQS • RabbitMQ • Celery • Elasticsearch • REST APIs • Git • CI/CD • Docker • AI Engineering (Claude, Codex, OpenAI)
- **Languages:** English — B2
- **Certifications:** iTEP Essential B2 — Credential ID: 207B2400ES, Advanced Python — LinkedIn Learning, Advanced C Programming — LinkedIn Learning
- **Awards/Activities:** 2nd Place — ChatGPT Hackathon 2023 (organized by Getir), 1st Place — Festival Internazionale Bambini Bond 2008 (Child Folk Dance Competition)
- **Interests:** Playing Guitar • Video Games • Basketball