

Hasanalp Temiz

Ankara, Turkey | +90 531 287 59 11 | hasanalp.tnz@gmail.com | linkedin.com/in/hasanalp-temiz | github.com/haalp | haalp.dev

SUMMARY

AI-native backend engineer with 3+ years building production microservices and LLM systems (RAG, tool calling, autonomous log analysis); language-agnostic across Java, Go, and Python with AI coding agents. Promoted from Vodafone's graduate programme to Software Engineer within two years; led AI integration in two teams. Author of **mergeone**, an open-source merge gateway for agent-scale source control. Open to relocation (US/EU).

EXPERIENCE

- Vodafone** Turkey (Hybrid)
Software Engineer - Charging Solutions Management Apr 2026 – Present
- Architected and led development of **NINA Guardian**, an AI-driven log-analysis and self-healing platform monitoring 33 OpenShift microservices: Kafka/OpenTelemetry ingestion, trace correlation, and an LLM reasoning stage (GitHub Copilot Enterprise) that proposes fixes as reviewable Bitbucket pull requests. The model has no tool-execution access, so every Git action stays under deterministic backend control and human review. Cut MTTR by up to 60% (to 10 min) in development.
 - Led architecture and development of the team's GitOps delivery pipeline within the Internal Developer Platform (**IDP**): Bitbucket, Jenkins (CI), and Argo CD delivering declarative, auditable deployments to on-prem OpenShift.
 - Contributed to **TARS**, Vodafone's AI-driven SDLC platform (architecture, development, pilot usage); now in production.
 - Develop backend services for telecom charging architectures; built reusable agent skills for the team's Java 8-to-21 migration, cutting a full upgrade (development and testing) from 2 weeks to 2 man-days per service.
- Junior Software Engineer - Product Solutions Management** Feb 2025 – Mar 2026
- Led the design and deployment of a RAG chatbot over the Unified Product Catalogue (UPC), enabling semantic search across 10,000 product entries; tuned chunking, overlap, and re-ranking via iterative retrieval evaluation (Python, LangChain, LLMWare, Practicus AI).
 - Extended the chatbot with a tool-calling layer mapping natural-language intents to UPC backend services (product creation, deletion, listing); halved product-creation time from 15 to 7 minutes in the proof of concept.
 - Developed and maintained product-distribution microservices (Java Spring) and product databases (PL/SQL).
- Junior Software Engineer, Discover Graduate Programme - Digital Asset Management** Jun 2024 – Jan 2025
- Developed Java Spring backend services for **FAST**, a tablet dashboard giving dealer sales consultants live asset inventory and pricing; shipped via Bitbucket/Jenkins CI/CD to OpenShift.
- Join do App** Remote
Founding Engineer Oct 2023 – Jun 2024
- Owned the Go backend of a sports partner-matching app end to end (MongoDB, Redis, REST API, RevenueCat, AWS).
 - Designed a hybrid matching system: geospatial filtering (MongoDB GeoJSON) plus cosine similarity over engineered feature vectors; tuned scoring weights against match-acceptance rate.
- valantic (formerly Protask GmbH)** Vorarlberg, Austria
Software Engineer Intern Jul 2022 – Oct 2022
- Built a Python voice assistant (FastAPI) driving SAP GUI automation - the ERP division's first AI-enabled tool.

PROJECTS

- mergeone** | Go, Python, MCP, decision models mergeone.dev
- Open-source, agent-native merge gateway: coding agents call one MCP/HTTP endpoint per pull request and receive a calibrated pass/hold/block verdict with typed reasons; Go engine sustains 350 decisions/s at 441 ms p99 on 2 vCPUs.
 - Designed **gatebench**, a pre-registered benchmark (thresholds fixed before any model call, negative results published): six runs, 40k merges, and 2,196 real agent PRs from 26 repos rank decision models on quality, calibration, cost, and 100× load.
- PassGuard** | Python, FastAPI, OpenCV, Solidity, Go, Flutter, Docker First Place, Young Brains New Ideas 2023
- Real-time face verification (OpenCV, FastAPI) authorising cardless payments through Solidity smart contracts.

EDUCATION

- TED University** Ankara, Turkey
B.Sc. in Computer Engineering - GPA 3.32/4.00, Honor Student 2018 – 2023

TECHNICAL SKILLS

AI Coding Agents: Claude Code, GitHub Copilot CLI, OpenAI Codex - agentic, language-agnostic development
AI / LLM: RAG, tool/function calling, MCP, evals & calibration, LangChain, LLMWare, Practicus AI, Copilot Enterprise
Backend & Data: Java (Spring), Go (Fiber), Python (FastAPI), Apache Kafka, MongoDB, Redis, PL/SQL, REST/OpenAPI
Cloud & DevOps: OpenShift, Argo CD, GitOps, Jenkins, Docker, AWS, OpenTelemetry, Git/Bitbucket
Spoken Languages: Turkish (Native), English (Professional)

AWARDS & CERTIFICATIONS

Certifications: [AWS Certified AI Practitioner](#); Vodafone AI Practitioner (internal programme)
Awards: First Place, Young Brains New Ideas 2023; Top-4 Finalist, Mercedes-Benz Star Hack 2021 (Sustainability)
Leadership: Software Lead, Core Team - Google Developer Student Club, TED University