Arif Dogan

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Summary

Principal Engineer with 9 years building high-throughput, cloud-native systems (up to 25k rps) in fintech and SaaS.
Expert in Golang, Python, TypeScript, AWS and Kubernetes; reduced infra spend by 30 % in 2024.
Passionate about clean architecture and mentoring teams.

Skills

Languages: Go (5 yrs), Python (4 yrs), TypeScript (React, Node)
Cloud & DevOps: AWS (EKS, SQS, Kinesis), GCP, Docker, Kubernetes, Terraform, GitHub Actions
Data & Messaging: Postgres, Redis, Kafka
AI/ML: PyTorch, scikit-learn

Experience

liftOS GmbH — Co Founder - Principal Engineer | Berlin | Jul 2021 – Present
All-in-one AI productivity suite • Pre-seed $1 M (Oct 2022) • Team: 5 full-time + 5 contractors

Stack: Go (real-time APIs) • Python + OpenAI & Anthropic Claude (agent services) • Laravel PHP (core SaaS)
    Electron (desktop) • Qdrant (vector DB, +5 M embeddings) • PostgreSQL • Redis
    Google Workspace APIs (Calendar, Drive, Gmail) • AWS EKS • Terraform • GitHub Actions

• Split a Laravel monolith into 8 Go services (messaging, task, file) and Python **AI Employee agent services**,
  cutting p95 latency **55% (≈280 ms → ≈125 ms)** and sustaining **≈ 3k rps** for beta customers.
• **Built autonomous LLM agents** (OpenAI + Anthropic) that execute onboarding, data management and work automation
workflows **≈ 400 tasks/day with < 2% human escalation**—using **Qdrant** for long-term memory (+5 M embeddings).
• **Integrated Google Workspace (OAuth2, Calendar, Drive, Gmail)** so users can sync docs & meetings in two clicks;
  reduced manual import time **from 15 min to < 30 sec** per workspace.
• **Architected and shipped a cross-platform Electron desktop app** (Chromium subprocess pool) that embeds any web page
  inside liftOS; achieved **> 500 downloads in first 30 days** with crash-free rate **> 99%**.
• Terraform-provisioned AWS EKS (multi-AZ, auto-scales to 60 vCPU) and migrated 100% workloads off EC2, trimming infra
  spend **≈ €30 k/year**.
• Authored technical deep-dive for VC due-diligence, directly supporting the **US $1 M pre-seed raise**.

Bitexen.com | Senior Backend Developer | Istanbul, Turkey | Jun 2019 - Jul 2021
FinTech / crypto exchange • 1 M+ registered users

Stack: Python / Django, Postgres, Redis, Celery, AWS

• Scaled the Django-based trading engine to **30k concurrent users** and **15 M order events/day** by sharding Postgres
and queueing writes with Celery.
• Integrated Ethereum smart-contract wallets (ERC-20) for on-chain deposits/withdrawals
• Introduced Redis result caching and index-tuning that cut order-book API **p95 latency 40%** and reduced **DB CPU load 25%**.
• Built a real-time balance-update service in Go that publishes events via **AWS SQS**.

Aidy — Technical Consultant (Contract) Istanbul | Dec 2019 – Sep 2020

Consultancy • Kubernetes, Github Actions, Terraform, Prometheus/Grafana

• Designed **Github Actions CI/CD pipeline** for 20+ micro-services; **deployment time dropped from 30 min to 8 min** and rollbacks became 1-click.
• Deployed **Prometheus + Grafana** with custom SLO dashboards.
• Migrated legacy Ansible scripts to **Terraform modules**, eliminating config drift and enabling reproducible staging environments in < 10 min.
• Trained two client teams (**5 engineers**) on deployment pipelines.

LuxFox GmbH — Full-Stack Developer (Contract)   Berlin | Nov 2018 – May 2019

On-demand Beauty, Wellness & Fitness marketplace for busy professionals

• Delivered 2 Go micro-services (booking, inventory, payments) that powered the real-time matching of
  stylists to users; maintained **99.9% uptime** through peak holiday demand.
• Exposed versioned **REST + WebSocket APIs** for iOS/Android apps and integrated Stripe subscriptions.

Poltio — Backend Developer   New York | Nov 2016 – Jul 2019

Interactive polling & engagement platform • Go, Laravel, NGINX, GCP

Developed Go micro-services that handled **20 M+ monthly API calls** at **< 120 ms p99 latency** for social-polling widgets embedded on media sites.
Built an edge **image-proxy service** (Go + NGINX) with dynamic resizing and CDN caching, cutting outbound bandwidth **30%**.
Added campaign-builder features in **Laravel**.
Implemented background workers (Go) for analytics aggregation.

Education

Cukurova University | Turkey
Computer Science

Certificates

AWS Certified Developer - Associate

Open Source Projects

• **GoVisual (Go, 450+ ⭐) -** A lightweight, zero-configuration HTTP request visualization and debugging tool for Go web applications that provides real-time middleware tracing and request inspection during development. Reached 100+ stars on GitHub within the first day of release.
https://github.com/doganarif/govisual
• **LLMDog (Go, 70 ⭐) –** CLI that turns repos into LLM-ready Markdown bundles; Bubble Tea TUI, .gitignore-aware.
https://github.com/doganarif/llmdog
• **GIQ (Go, 12 ⭐) –** AI-powered git wrapper that suggests commit messages with AI and surfaces smart status insights.
https://github.com/doganarif/giq
• **LangChain-DeepResearch (Python, 10 ⭐) –** Autonomous, recursive research agent for any LangChain-compatible LLM.
https://github.com/doganarif/langchain-deepresearch

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