Talha Altınel

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WORK EXPERIENCE

Software Engineer II (Object Storage) @ Akamai 05/2025 – Present
Go, Python, K8s, Testify, gRPC, Github Actions, OPA, Otel, Istio, Grafana, Loki, Tempo, Prometheus, RADOS, TiKV London, GB

- Working with the most talented people of this unixverse to help half of Fortune 500 companies who offload minimum 50PB data per region per second in all 36+ regions

Software Engineer (Flood & Climate Risk) @ Fathom 11/2022 – 02/2025
Go, Python, PostgreSQL, Terraform, GCP, go-cmp, gRPC, Github Actions, Rasterio, Bazel London, GB

- Implemented geospatial data processing microservices for flood and climate risk
- Developed climate data interpolation, products, and pay-as-you-go pricing systems
- Configured custom alerting, logging, and traces for enhanced observability
- Managed infrastructure for cloud run, databases, storage, BigQuery, and Dataflow jobs
- Contributed to a 50% reduction in latency by collaborating on a sidecar geospatial service

Software Engineer (Commerce Connectors) @ Xiatech 04/2021 – 11/2022
Go, MongoDB, Terraform, Docker, AWS, Testify, Github Actions, Localstack, GoReleaser London, GB

- Built webhook-based integrations for e-commerce & warehouse systems
- Architected serverless event-driven architecture for high-volume transactional data
- Managed infrastructure for serverless functions, storage, and message brokers
- Led the transition from DynamoDB to MongoDB to increase the reliability
- Introduced local debugging and integration testing for vendor-locked serverless stack

Backend Developer (Language Trees) @ LingYourLanguage 12/2020 – 03/2021
Go, PostgreSQL, Swagger, Docker, Testify, Github Actions, Traefik London, GB

- Architected and implemented microservice architecture
- Optimized SQL queries and B-tree indexes for improved performance
- Built containerized deployment pipeline and documented API endpoints

Backend Developer (Products & Subscriptions) @ Heyman AI 08/2020 – 12/2020
Java, Spring Boot, MySQL, Kafka, Docker, JUnit, Mockito, Jenkins, SonarQube London, GB

- Developed products and subscriptions microservices for a banking client
- Eliminated HibernateORM N+1 query bottlenecks to improve MySQL latency

Founder @ Goldenhand Software 11/2019 – present
- Shipping maintainable software for SMEs on top of cloud-native infrastructure London, GB

Software Developer Intern @ Oak Smart Technology 06/2019 – 09/2019
C#, NodeJS, Socket.io London, GB

- Integrated 3rd party advertisements and implemented websocket events for mobile apps

Software Developer Intern @ Buro Donanim 07/2018 – 08/2018
C, SDL Istanbul, TR

- Developed a TCP/IP socket-based automated test diagnostic tool

KEY SKILLS

Programming Languages: Go, Python, Typescript, SQL, Shell, C

Databases: PostgreSQL, SQLite, MongoDB, Redis, BigQuery

Web: Hugo, Django, HTML/CSS, Bulma CSS, Websockets, REST, gRPC

Platforms/Tools: Linux, Git, Github Actions, Docker, Terraform, Ansible, NixOS, Localstack, NATS, Traefik, Kubernetes, FluxCD, ArgoCD, Prometheus, Grafana/Loki/Tempo, Caddy, AWS/GCP, Bazel, Cloudflare

EDUCATION

Computer Engineering @ Kadir Has University 09/2016 – 04/2020
100% Scholarship
2nd Place with 3.38 GPA among Computer Engineering Majors (BSc Hons)

Computer Science @ Coventry University 01/2019 – 06/2019
Erasmus+ Exchange Programme for Spring Semester (BSc)