

Talha Altinel

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WORK EXPERIENCE

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

- Working with the most talented people of this universe to help half of Fortune 500 companies who offload minimum 50PB data per region per second in all 26 regions

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

- 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) @ Xiotech 04/2021 – 11/2022
London, GB
Go, MongoDB, Terraform, Docker, AWS, Testify, Github Actions, Localstack, GoReleaser

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

Backend Developer (Language Trees) @ LingYourLanguage 08/2020 – 03/2021
London, GB
Go, PostgreSQL, Swagger, Docker, Testify, Github Actions, Traefik

- 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
London, GB
Java, Spring Boot, Kafka, Docker, JUnit, Mockito, Jenkins, SonarQube

- Supported the transition to a microservices architecture from monolith
- Developed products and subscription systems for a banking client
- Optimized Hibernate SQL queries for better efficiency

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

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

- Designed and developed mobile app GUIs and prototypes
- Integrated 3rd party advertisements and implemented websocket events

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

- Assembled hardware components using soldering
- Developed TCP/IP socket-based application

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, Localstack, NATS, Kafka, 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)