

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
- 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) @ Xiatech** 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(deb/arch), Git, Github Actions, Docker, Terraform, Localstack, NATS, Kafka, Traefik, Kubernetes, FluxCD, 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)