

Berke (Ryan) Arslan

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EXPERIENCE

Software Engineer

Nov. 2023 – Present

Perth, WA

Atlassian

- Engineered backend services for Jira's core views, owning GraphQL schema design, service-layer logic, and production observability.
- Iteratively implemented real-time data features via GraphQL Subscriptions, refining the architecture three times to optimize performance.
- Accelerated team onboarding by mentoring new engineers on internal CI/CD processes and development workflows.
- Partnered with frontend and product teams to ship the new List and Attachments views, managing the full lifecycle from feedback integration to production bug resolution.

Data Engineer (Contract)

Mar. 2023 – Nov. 2023

Perth, WA

BHP

- Modernized workforce reporting by migrating legacy SSIS/SQL Server logic to a Python-based serverless backend on AWS Lambda.
- Optimized system performance by identifying and resolving critical bottlenecks in data processing logic and cloud infrastructure.
- Owned the end-to-end development cycle for new data pipelines, from technical design to automated testing and CI/CD.
- Standardized reusable, event-driven Python patterns to replace manual ETL workflows.

Founding Engineer

Jul. 2021 – Dec. 2022

Istanbul, TR

Usersdot

- Architected core platform infrastructure from scratch using Python (FastAPI/Celery) and RabbitMQ.
- Hired, onboarded, and mentored a team of 5 software engineers, establishing technical training and collaborative standards.
- Engineered a custom proxy manager with a rule-based routing engine and anti-bot evasion strategies.
- Scaled data persistence and search capabilities across MySQL and Elasticsearch.

Software Engineer

Nov. 2019 – Dec. 2020

Istanbul, TR

Huawei

- Engineered a cloud-native security platform using Spring Cloud microservices to ingest, analyze, and visualize real-time security incidents for big-screen dashboards.
- Owned the Camunda BPM implementation, designing complex incident response workflows that automated critical security operations for customers.
- Built the team's dev/staging infrastructure and data-mocking tools from scratch, unblocking testing workflows for a distributed team of 20+ engineers.

TECHNICAL SKILLS

Languages Java, Python, SQL, Go

Cloud & Containers AWS (Lambda, ECS, EKS), Terraform, Docker, Kubernetes

DevOps & Databases Bitbucket Pipelines, Splunk, PostgreSQL, MySQL, Snowflake, Elasticsearch, Redis

Backend & Messaging Spring Cloud, Django, FastAPI, Celery, SQLAlchemy, RabbitMQ, Kafka, GraphQL

Testing & Tools JUnit, Mockito, unittest, Maven, Pandas, Camunda BPMN Engine

EDUCATION

Celal Bayar University

Manisa, Turkey

Bachelor's Degree in Computer Science and Engineering

Sep. 2014 – Jun. 2019