

# Bariş Atay

## Backend Developer

✉ barisatay0@hotmail.com 📍 Turkey,Mersin 🌐 [www.linkedin.com/in/bariş-atay](http://www.linkedin.com/in/bariş-atay)

### Profile

Backend Developer specializing in scalable, fault-tolerant distributed systems using Node.js and TypeScript. Passionate about Software Craftsmanship, Clean Code, and Domain-Driven Design (DDD) to build type-safe, maintainable solutions. Experienced in event-driven architectures and comprehensive observability, with a strong agile mindset focused on delivering high-performance, customer-first outcomes.

### Professional Experience

#### Backend Developer - A Artı Mühendislik

07/2024 – Present | Turkey,Mersin

- **Architected fault-tolerant microservices and lightweight APIs** using Node.js, Bun, and Hono, significantly reducing latency while applying Clean Architecture, DDD, and OOP principles.
- **Designed loosely coupled, event-driven architectures** utilizing RabbitMQ and Mosquitto for reliable asynchronous communication and messaging patterns.
- **Optimized relational databases** (PostgreSQL, TimescaleDB) by implementing complex queries to manage data-intensive applications effectively.
- **Ensured production reliability and system health** by standardizing CI/CD pipelines, Docker containerization, TDD practices, and establishing observability stacks (Grafana, Loki, Tempo).
- **Offloaded CPU-intensive tasks** to high-performance background workers developed in Rust (Tokio async runtime) to prevent main thread blocking.

### Languages

**English** – Conversational

**Turkish** – Native/Bilingual

### Skills

#### Languages

TypeScript, JavaScript, Rust, SQL

#### Runtimes & Frameworks

Node.js, Bun, ElysiaJS, Hono

#### Databases

PostgreSQL, TimescaleDB, MySQL, SQLite

#### Architecture & Culture

Microservices, Clean Architecture, DDD, TDD, OOP, Clean Code, Design Patterns, Agile

#### Cloud & Devops

AWS (S3), Docker, CI/CD, Git, RabbitMQ, Mosquitto, Vitest

#### Observability

Grafana, Loki, Tempo

### Education

#### Bachelor's Degree - Remote

Anadolu University

2024 – Present

Management Information Systems

#### Associate's Degree

Eskişehir Osmangazi University

2022 – 2024 | Eskişehir

Computer Programming