

Bariş Atay

Backend & Devops Developer

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Profile

Backend Developer specializing in scalable, distributed systems using Node.js and TypeScript. Passionate about Clean Code, Domain-Driven Design, and event-driven architectures. Focused on delivering high-performance, observable, and maintainable solutions while ensuring maximum production reliability.

Professional Experience

Backend Developer - A Artı Mühendislik

07/2024 – Present | Turkey,Mersin

- **Ensured production reliability and system health** by standardizing CI/CD pipelines, Docker containerization, TDD practices, and establishing observability stacks (Grafana, Loki, Tempo).
- **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) via complex queries and indexing for data-intensive applications.
- **Offloaded CPU-intensive tasks** to high-performance background workers developed in Rust (Tokio async runtime) to prevent main thread blocking.

Education

Bachelor's Degree

Anadolu University

2024 – Present

Management Information Systems

Associate's Degree

Eskişehir Osmangazi University

2022 – 2024 | Eskişehir

Computer Programming

Skills

Languages

TypeScript, JavaScript, Rust, SQL, Python

Frameworks & Libraries

Node.js, Bun.js, Express.js, Elysia, Hono, Drizzle, Prisma, Typeorm, Zod, Swagger, OpenAPI

Databases & Message Queues

PostgreSQL , TimescaleDB , MySQL , SQLite , MongoDB , NoSQL, Elasticsearch , Redis, RabbitMQ, Mosquitto, Kafka, MQTT

Architecture & Culture

Microservices, Clean Architecture, DDD, TDD, OOP, Clean Code, Design Patterns, Agile, Sprint, Iterations, Peer Programming , Distributed Systems

Testing & Observability

Vitest, Jest, Unit Test, E2E Test , Linting , Eslint, Open Telemetry, Grafana, Loki, Tempo, Logging and Monitoring

Cloud & Devops

AWS, Docker, Kubernetes, CI/CD, Git, Github, Github Actions, Gitlab, Linux, Azure, Lambda, EC2, S3 Compatible, Cloudflare DNS, Vercel, Railway, Supabase

AI & Automation

Ai Workflow, Agents, Claude

Languages

English – Conversational

Turkish – Native/Bilingual