

# Murat Kirazkaya

İstanbul, Türkiye · muratkirazkaya0@gmail.com · muratkirazkaya.com  
github.com/GroophyLifefor · linkedin.com/in/muratkirazkaya

**Target Roles:** Full-Stack Developer, Backend Developer, DevOps / Platform Engineer, Developer Tooling / Open Source Engineer, DevRel (Developer Relations)

## EDUCATION

---

### Ordu University

Aug 2024 – Jun 2026

Associate of Science in Computer Programming · Ordu, Turkey

Relevant Coursework: OOP, Database Systems (SQL, Triggers, Functions), Web Programming, Network Fundamentals, Open Source OS, System Analysis & Design, Server Operating Systems

## EXPERIENCE

---

### Tech Operations, Valentura

Sep 2024 – Sep 2025

Remote · Full-Time

Promoted from internship to operations role in collaborative team environment. Manage production systems, backend infrastructure, monitoring, and deployment pipelines for operational reliability. Work with cross-functional teams using Git workflow and async collaboration.

### Frontend Developer, Valentura

Mar 2024 – Sep 2024

Remote · Internship

Frontend development internship in team setting focused on modern web technologies and user interface implementation. Collaborated using Git branching strategies and preview environments.

### Web Developer, Collective Idea TR

Jan 2024 – Mar 2024

Istanbul · Hybrid · Internship

Web development internship delivering client projects with modern JavaScript frameworks in collaborative team environment.

### Frontend Developer, Insider

Jul 2023 – Sep 2023

Istanbul · On-site · Internship

Selected for in-person phase at Insider's office following 6-month application process. Worked on enterprise-scale web applications in team collaboration environment.

## OPEN SOURCE CONTRIBUTIONS

---

Ranked **#68** among 300,000 developers in Turkey and **#11,851** among 50 million developers globally based on open-source contributions (gitista.com).

**ExpressJS Organization** - Triager and Performance Working Group member. Maintain core packages across Express, jshttp, and pillarjs ecosystems (on-finished HTTP/2 support, mime-db compressibility updates). Operate at package level of Node.js HTTP stack.

**Deno Runtime** - Contributed `deno init --empty` feature to CLI for minimal project initialization. Merged within 24 hours by core team.

**jshttp/on-finished** - Added HTTP/2 support to widely-used Node.js utility package for response completion detection.

**Kiren Runtime** - Added initial Windows support to lightweight JavaScript runtime built with Zig and QuickJS. Fixed low-level runtime issues in first PR.

**Exercism** - Created and published Batch scripting language track for coding education platform.

## SELECTED PROJECTS

---

**Yelix** - Deno-native web framework built on Hono using standard Web APIs. Won Gold Medal (National, 1Fikir1Türkiye) and Silver Medal (Regional). TypeScript inference over decorators, no compatibility layer.

**Hackathon Platform for TUA** - Full-stack event platform for Turkish Space Agency accepted by Ministry of Industry and Technology. Custom endpoint auto-discovery, dynamic route registration, OpenAPI auto-generation from Zod schemas. Built for peak registration load handling with complete audit trails.

**Dijital Staj** - Multi-university internship workflow system built in team collaboration. 9-state lifecycle with 4-role RBAC, JSONB audit logging with field-level diffs. PDF form automation for government documents, ASP.NET legacy system integration via web scraping. MinIO for document storage. Live in production.

**Sportyluxe GYM** - Full operational backend for 550+ member gym built as part of 4-person team (UI/UX, Android, iOS, Backend). Custom multi-tenant architecture (same-server/different-database pattern). Firebase FCM v1 protocol-level implementation with token rotation. 15K+ requests/day, 99.9% uptime on self-hosted VPS.

**ordu.dev** - Community platform with custom workflow engine using Blob + dynamic imports for sandboxed code execution. Web Push (VAPID protocol) with subscription lifecycle management. Custom cron parser supporting ranges, steps, lists. 5K+ clicks/month, 50K+ impressions.

## LEADERSHIP & COMMUNITY

---

**Ordu Bilişim Topluluğu** - Founded regional developer community at ordu.dev, bringing together software developers across Ordu province.

**Winterbytes 2026** - Co-organized 3-day technical camp with 230+ attendees from Black Sea region. Speakers from Node.js TSC (Rafael Gonzaga), IBM, and Trendyol.

Attended 400+ tech events throughout career, approximately one every other day for two years.

Featured in Kodluyoruz × Microsoft success story for outstanding progress in web development.

## TECHNICAL SKILLS

---

**Languages:** TypeScript, JavaScript, C#, C++, Batch, SQL

**Backend:** Node.js/Deno runtime operations, Express.js (triage contributor also performance team member), Hono, Next.js, OpenAPI schema-first design

**Frontend:** React, Next.js (App Router, RSC), Astro, Tailwind CSS, Capacitor, component architecture

**Databases:** PostgreSQL (native client, manual migrations, indexing strategies), MongoDB (connection resilience, audit trails), ClickHouse (analytical workloads), DrizzleORM, Mongoose, MinIO S3

**Infrastructure:** Self-hosted production operations (99.9% uptime), Docker multi-stage builds, Sentry observability, Firebase FCM v1, Web Push (VAPID protocol), Contentful CMS

**Systems:** Multi-tenant architecture, custom workflow execution engines, RBAC with audit logging, state machine design, legacy system integration (ASP.NET scraping), real-time push notifications, distributed request tracing, fault-tolerant distributed systems

**Security:** JWT with refresh rotation, bearer auth, temporary key systems (QR access control), VAPID, rate limiting, httpOnly cookies

**Engineering:** CI/CD pipelines, unit and integration testing with isolated environments (containerized test databases, in-memory stores), OOP and design patterns, test-driven development, Agile methodologies, Git workflow (branching strategies, async collaboration, preview environments), code review practices, collaborative development in cross-functional teams

## LANGUAGES

---

**Turkish:** Native

**English:** B2 (Upper-Intermediate)

## REFERENCES

---

Contact information for the following references is available upon request.

**Attila Alkoç** (career development and developer community engagement) · IstanbulCoders Organizer and Agile Coach

**Mert Şişmanoğlu** (open-source contributions and Yelix) · Open-Source Enthusiastic and CNCF Documentation Team Member

**Oğuzhan Abuhanoğlu** (Sportyluxe GYM, backend engineering in cross-functional team) · Sportyluxe PM and iOS developer

**Dr. Kerem Erzurumlu** (Dijital Staj internship management platform for higher education) · Ordu University CS Professor