Ömer Can Başboğa

Full Stack Developer (Java/Spring Boot · React.js · Node.js)
Istanbul (On-site/Hybrid) · Open to Remote across Turkey / Abroad
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PROFESSIONAL SUMMARY

Full Stack Developer building end-to-end web applications with Java (Spring Boot), React.js, Node.js/Express.js, and PostgreSQL/MongoDB. Over the past 1.5 years at Boğaziçi University I took ownership of backend architecture, frontend development, and API integration across 4 production projects (SSO system, data platform, real-time visualization, club management system).

PROFESSIONAL EXPERIENCE

Software Development Specialist — SK Teknoloji (solution partner embedded at Boğaziçi University)
February 2026 – Present

- **SLView:** Built a multi-source sea-level data system for Kandilli Observatory (IOC, JRC/TAD, ISPRA, HGM/Trabzon; Spring Boot 3, Java 21, PostgreSQL) — a dynamic scheduler, Spring Batch pipeline, and a custom downsampling algorithm (thousands of points → ~300) for fast chart rendering. Added Prometheus/Micrometer observability.
- **BUData:** Centralized data platform integrating dozens of APIs; built an LLM-based (Ollama/Qwen) data cleaning pipeline ensuring reliable student/personnel data integration.
- **BUSİGN:** Technical integration and architecture for an ISO 27001-compliant SSO system; Redis-based session management and caching for performance.
- **KYS:** Built backend and frontend features for a digital management system for university clubs.

Software Developer (Intern & Volunteer) — Boğaziçi University
February 2025 – January 2026
Volunteered Feb–Aug 2025, then official intern Sep 2025–Jan 2026 — technical integration, frontend design, and backend development in the initial stages of BUSİGN, BUData, SLView, and KYS.

Intern Software Developer — UISAP (Independent Project Group) · *Aug–Sep 2024*
Developed REST API endpoints with Node.js/Express.js; modeled data on MongoDB.

Intern Software Developer — OPEN YAZILIM · *Aug–Sep 2023*
Participated in design, development, and testing of C#-based form and web applications.

EDUCATION & CERTIFICATIONS

Düzce University — Computer Engineering · European Solidarity Corps volunteer (Madeira, Portugal, 2022)

Boğaziçi University Lifelong Learning Center — "Future of Work with AI" (12-hour seminar, 2026)

TEKNOFEST — AI in Transportation Category (2022): Software developer on a 5-person team; advanced past the semifinal to the live pre-final round

TECHNICAL SKILLS

Backend: Java (Spring Boot), Node.js, Express.js, C#

Frontend: React.js, JavaScript, CSS

Database: PostgreSQL, Redis, MongoDB, SQL

API & Integration: REST API, Microservices, FTP, Swagger/OpenAPI

DevOps: Docker, Git/GitHub, Maven, Spring Batch, Prometheus/Micrometer, Log4j2, Postman

Security: ISO 27001-compliant system development, SSO/OAuth

Methodology: Agile/Scrum

LANGUAGES

Turkish: Native · English: B2

REFERENCES

Available upon request.