ALI BOYACI

Full-Stack Software Engineer | Real-Time, IoT & AI-Enabled Systems
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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 2+ years of hands-on experience building
production-grade MES and industrial automation solutions used in live factory environments.
Strong in Node.js/Express and React, with a focus on real-time data flow
(WebSocket/MQTT), IoT integrations (including Modbus/DCS), and production reliability.
Proven end-to-end ownership from backend services to user-facing interfaces and on-site
deployments. Active user of AI tools for faster delivery and higher-quality outputs; completed
Google Prompt Engineering training.

CORE SKILLS

Frontend: React, Vite, Bootstrap, HTML/CSS, Vanilla JavaScript
Backend: Node.js, Express, MongoDB, REST APIs, WebSocket, MQTT
Industrial/IoT: Modbus, DCS/PLC-oriented integrations, real-time monitoring & control flows
DevOps: Docker, Kubernetes, Linux, Bash
Workstyle: Agile (Zoho), Git, ERP / 3rd-party API integrations, production support &
ownership
AI Productivity: Prompt engineering, LLM-assisted development workflows (requirements
-> implementation -> debugging)

EXPERIENCE

Konzek Teknoloji — Full-Stack Developer (MERN)

Istanbul | Sep 2023 – Present

- Developed real-time MES interfaces handling thousands of daily records, optimized
  for speed and scalability.
- Built Node.js services (REST, WebSocket, MQTT) integrating IoT devices and ERP
  systems with MES workflows.
- Delivered an end-to-end Tank & Filling Automation System used on-site in Kocaeli:
    - Managed **60+ tanks** and **20+ lines** with **under 500ms** real-time update
      latency.
    - Integrated barcode scanners, handheld devices, and camera systems into
      production flows.
    - Reduced human error through automation rules and validation logic.
- Built internal web tools used company-wide, improving visibility and operational
  coordination.
- Supported production deployments and updates using Docker and Kubernetes;
  handled live troubleshooting and iterative releases.

PROJECTS

ORIA (Oria Luxe) — Solo Engineer / End-to-End MVP Delivery

Sep 2025 – Jan 2026

- Built the MVP end-to-end as the sole developer in a startup team: backend + frontend + integrations + deployment.
- Delivered a WhatsApp-centered operations hub + CRM-style dashboard with AI-assisted workflows (draft replies, internal notes) and travel-search/pricing integrations.
- Implemented core product stack as a maintainable monorepo: **Node.js/Express/MongoDB** backend and **React/Vite** frontend; production-ready environment configuration and operational health checks.
- Focused on reliability and iteration speed: clear service boundaries, error handling, and pragmatic automation for day-to-day ops.

EDUCATION

Anadolu University — Computer Programming (in progress)
Dokuz Eylül University — Environmental Engineering (coursework completed; degree not finished)
Buca Anatolian High School (Izmir) — High School Diploma

CERTIFICATIONS

- Google — Prompt Engineering (completed) (2025)
- Patika.dev — Frontend Developer Course (completed) (2023)
- HackerRank — React Course (completed) (2023)

LANGUAGES

- Turkish (Native)
- English (B2 — speaking & writing)

ADDITIONAL

- Military Service (Türkiye): Completed (2026)