

Ege Acaroğlu

📍 İstanbul, Maltepe

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🐙 GitHub

Profile

Information Systems and Technologies graduate with experience in full-stack development (Next.js, React, TypeScript), AI/ML, and data analytics. Hands-on background in real-time systems, computer vision, and scalable cloud applications. Strong focus on building secure, efficient, and user-centric solutions.

Education

Information Systems and Technology (Bachelor's Degree)

Yeditepe University

Professional Experience

Full-Stack Developer | Next.js, React, TypeScript, Supabase

06/2025 | Groningen, Netherlands

Senso Engineering

Delivered a full-scale seismic monitoring platform with real-time visualization, automated event detection, alerting workflows, multi-station coordination, a live dashboard for sensor tracking, Leaflet-based geographic mapping, Chart.js analytics, and automated PDF reporting—enhancing operational awareness and data accessibility. Strengthened platform security and reliability through TOTP-based MFA, RBAC, location-aware access rules, sensor-health monitoring, and comprehensive audit logging, leveraging a modern stack that includes Next.js 15, React 19, TypeScript, Supabase (PostgreSQL), TailwindCSS, Chart.js, Leaflet, and React-PDF.

Full Stack Developer

03/2025 – 09/2025 | İstanbul, Turkey

KaDekor

Developed and deployed a responsive, modern home décor website using HTML, CSS, and JavaScript; implemented product showcases, contact forms, and SEO-friendly components to improve user engagement and discoverability.

Aligned design, branding, and functional requirements through close client collaboration, delivering a mobile-responsive and cross-browser-compatible interface that strengthened the brand's digital presence.

Full Stack Developer

03/2022 – 09/2022 | Groningen, Netherlands

Senso Engineering

Optimized image classification workflows using OpenCV, TensorFlow, Meshroom, and MeshLab; enhancements in code efficiency and model accuracy resulted in significantly faster data-processing performance.

Streamlined project workflows through collaboration with cross-functional teams, delivering improvements that enhanced overall process efficiency and elevated the user experience.

References

Mesut Boğaç Kaya, *Lead Software Engineer*, Senso Engineering

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