

EMIR OZCAN

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Available Immediately

SUMMARY

Computer Engineering graduate (GPA: 2.86/4.00) with 2+ years of freelance full-stack development experience. Took an active role in analyzing problems and driving them through to end-to-end solutions: built 4 production websites from requirements gathering through deployment, one of which reached Google's top 4 for its target keyword; independently managed an e-commerce platform's payment integration, from regulatory compliance through technical setup; built machine learning classification pipelines from scratch, covering data collection, preprocessing, and optimization. Currently seeking a software engineering role.

SKILLS

Languages: JavaScript, TypeScript, Python, Java, C **Frameworks:** React, Next.js, Node.js, Spring Boot, TensorFlow, scikit-learn

Databases & Tools: Supabase, PostgreSQL, Sanity CMS, Git, REST APIs, SEO, PayTR, CI/CD

EXPERIENCE

Freelance Full-Stack Developer — Self-Employed, Remote | May 2024 – June 2026

- Built 4 production websites end-to-end, from requirements gathering to deployment (Next.js, React, TypeScript, Sanity CMS); one reached Google's top 4 for its target keyword
- Owned every stage of an e-commerce platform's (opss.com.tr) payment setup, from selecting and integrating the payment provider (PayTR) to running KVKK-compliant legal processes
- Drove organic traffic growth through technical SEO audits and LocalBusiness schema markup

Software Development Intern — Asyaport Liman A.Ş., Tekirdağ | Jul – Aug 2025

- Designed an asset-tracking system from scratch for the IT department (Next.js, Supabase, C), replacing a manual process with role-based, multi-department access control

Software Development Intern — Tekirdağ Metropolitan Municipality, Tekirdağ | Jul – Aug 2024

- Built an HR–Public Communications system end-to-end in a 3-person team using React and Java Spring Boot

EDUCATION

B.Eng. Computer Engineering — Aydın Adnan Menderes University, Aydın | Graduated June 2026 | GPA: 2.86/4.00

- Key coursework: Machine Learning, NLP, Cloud Computing (AWS EMR/Spark), Signal Processing, Data Mining, Metaheuristic Optimization

SELECTED PROJECTS

CNC Digital Twin Prototype | Python, Flask, scikit-learn, Genetic Algorithm

- Built an SCADA/HMI-style monitoring dashboard for real-time CNC sensor data with fault detection and GA-based parameter optimization

Bilingual Voice Command Recognition | Python, CNN, Signal Processing

- Built a 6-stage ML pipeline recognizing 126 commands in Turkish and English from scratch; achieved 93% accuracy on the held-out test set

Human Activity Recognition | Python, IMU Sensors, scikit-learn

- Benchmarked 5 classifiers on IMU sensor data; CNN achieved 97.22% accuracy across 6 activity classes

AWARDS & PUBLICATIONS

TÜBİTAK 2209-A — Undergraduate Research Projects Support Program, Accepted (June 2026)

- “Detection of Metabolically Healthy Obesity Using Metaheuristic-Assisted Machine Learning Methods with Biomarkers” — co-authored with N. Sonal; Advisor: Asst. Prof. Dr. Gözde Alp

34th IEEE Signal Processing and Communications Applications Conference (SIU 2026) — Paper Accepted (double-blind peer review), to be published in IEEE Xplore

- “Comparative Analysis of Hyperparameter Optimization Techniques in Obesity Classification” — Özcan, E., Sonal, N., Alp, G.

ADDITIONAL

Languages: Turkish (native), English (professional working proficiency)

REFERENCES

Asst. Prof. Dr. Gözde Alp — Vice Dean, Faculty of Engineering, ADU — gozde.alp@adu.edu.tr

Assoc. Prof. Dr. Ahmet Çağdaş Seçkin — Dept. of Computer Engineering, ADU — acseckin@adu.edu.tr