



Yamaç BEZİRGAN

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ABOUT ME

A focused computer engineering graduate with hands-on full-stack experience, building end-to-end, user-centric products. I blend strong technical rigor with a creative, product mindset to deliver reliable, innovative software. With a growing focus on AI, I'm ready to contribute to impactful projects in dynamic, collaborative teams.

EXPERIENCE

ML & AI Automation Intern Arketic AI

June 2025 - Present

- Delivered tailored automation solutions for enterprise clients across sectors and regions.
- Served as Lead Developer for the company's official platform, overseeing E2E delivery.
- Contributed to AI model training and data pipelines for the company's core platform.
- Gained recognition for innovative problem-solving in diverse industry projects.

Freelance Developer

September 2020 - Present

- Designed and deployed dynamic web applications for small and midsize clients, end to end.
- Partnered with clients to elicit requirements and deliver scope-aligned outcomes.
- Developed cross-platform mobile apps with Expo, from prototype to app store release.
- Designed and implemented efficient APIs to optimize app performance and scalability.

Software Development Intern Exagate

August 2023 - September 2023

- Contributed to front-end delivery and Node.js web projects, from design to launch.
- Enhanced UI responsiveness and scalability via optimized React patterns and state.
- Authored process documentation to enable reuse and scale across future projects.
- Collaborated closely with cross-functional teams to ensure seamless project integration.

PROJECTS

Canny Edge Detection GUI (Python & OpenCV)

- Implemented Canny Edge Detection from scratch in Python (Sobel, NMS, double-threshold, hysteresis).
- Built a Tkinter GUI to load images, tune blur, and visualize each stage with OpenCV.
- Shipped a reproducible project (NumPy/OpenCV, requirements, usage docs).
- Wrote clean, readable code with clear error handling and step-by-step visualization.

Love Fortune Card App (.NET & MongoDB)

- Built a C# app that shuffles cards and uses partner name length to craft love fortunes
- Implemented dynamic shuffling and pile distribution with interactive card selection
- Leveraged MongoDB and async operations to store and retrieve cards and fortunes

Real-Time Earthquake Map (Python & Streamlit)

- Built a Streamlit app to stream real-time earthquake data from EMSC via WebSocket
- Processed 24-hour earthquake records and laid groundwork for interactive folium map
- Implemented periodic refresh, timezone-safe DataFrame transformations and persistence

User Data Test Site (Node.js/Express & MongoDB)

- Built a Node/Express app where users submit names; stored and retrieved via MongoDB
- Implemented Mongoose models and simple validation; displayed entries with EJS templates
- Configured routes for submission and display; styled with Bootstrap for responsive UI

EDUCATION

Altınbaş University Computer Engineering / 2020 - 2025

- Relevant Courses: Data Structures, Algorithms, Artificial Intelligence, Image Processing Techniques, Database Management Systems, and more...

Università degli Studi di Milano Erasmus+ Exchange Program / 2022 - 2023

- Focus: Advanced software development and artificial intelligence, with a solid performance in both undergraduate and graduate courses.
- Selected Courses: Intelligent Systems, Real-Time Graphics Programming, Natural Interaction, and more...

COMPETENCIES

- | | | | | |
|--------------|--------------|-------------|--------------------------------|--|
| • Python | • Node.js | • Docker | • Solution Architecture | • Prompt Engineering & Evaluation |
| • TypeScript | • REST APIs | • Git | • API Architecture & Standards | • Agile Delivery (Scrum/Kanban) |
| • React | • PostgreSQL | • OAuth/JWT | • Workflow Orchestration (n8n) | • Automated Testing (Unit/Integration) |
| • Next.js | • MongoDB | • CI/CD | • LLM Systems Orchestration | • Requirements Analysis |

CERTIFICATES

- Introduction to Big Data / BTK Academia
- CEO Career Summit / Youthall
- Preparing to My New Job / Kodluyoruz
- 18.MÜYAK / Endüstri ve Verimlilik Kulübü

REFERENCES

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