

Ali Elsayed

Machine Learning & Software Engineer

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📍 İstanbul · Türkiye

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🔗 Visit my portfolio

👤 PROFILE

Machine Learning Engineer with a strong foundation in Computer Engineering and experience managing projects in multinational companies and freelance teams. Demonstrates advanced expertise in designing, building, and deploying machine learning models on **Google Cloud Platform (GCP)** using tools like **Vertex AI**, **TensorFlow**, and **BigQuery**. Skilled in web development with **Python** and **JavaScript**, creating secure, high-performance applications with a focus on innovation and problem-solving.

🧠 SKILLS

Artificial Intelligence and Machine Learning

- **Libraries and Tools:** TensorFlow, Scikit-learn, LangChain.

Cloud Computing

- **Platforms:** Google Cloud Platform (GCP).
- **Services:** Vertex AI, BigQuery, AutoML.
- **Specializations:** Predictive Modeling, Data Analysis, Cloud-Based AI Solutions

Programming Languages

- **Primary:** Python, JavaScript, TypeScript.
- **Frameworks:** Nuxt.js., Vue.js, React.js
- **Databases:** SQL

Software Engineering Principles

- SDLC, Agile Methodology, Scalable Architecture, Features Engineering.

📜 PROFESSIONAL CERTIFICATES

Google Professional Machine Learning Engineer

Completed all training modules and practical labs focused on deploying scalable ML solutions on Google Cloud Platform. Gained hands-on expertise with Vertex AI, TensorFlow, and BigQuery. Certification exam pending.

Google Cloud Console Skill Badges

Earned Data Engineering and Machine Learning Fundamentals skill badges.

👛 PROFESSIONAL EXPERIENCE

Backend Engineer

2025 | İstanbul, Türkiye

İşin Olacak Teknolojileri

- Developed **GraphQL schemas** and **CRUD models** using **NestJS**, **Prisma**, and **PostgreSQL**, building a scalable, high-performance backend.
- Contributed to **İşin Olacak**, an AI-driven career platform enabling users to create CVs and find jobs.
- Delivered backend features efficiently within an **Agile Scrum** environment, collaborating closely with a cross-functional team.

Lead Software Engineer

2024 | İstanbul, Türkiye

Ayhanlar Holding

- **Led the development and management** of **Paran Olacak**, a secure banking web application, implementing robust **security measures** to ensure data integrity and user safety while delivering a high-performance, user-friendly platform.
- **Harnessed AI, large language models, and big data analytics** to generate and refine optimized keywords, driving a **100% boost in SEO performance** and significantly enhancing site visibility and organic search traffic.
- Spearheaded deployment and infrastructure implementation, strategically selecting servers and optimizing deployment processes to ensure seamless and reliable project launches.

Machine Learning Engineer

2023 | İstanbul, Türkiye

ITTI - Iman Trade Tourism Construction Ltd. [↗](#)

- **Developed a real estate price prediction model**, utilizing Python, Scikit-learn, and advanced feature engineering techniques to analyze and manage a large dataset from the capital of Türkiye.

Software Engineer

2022 | İstanbul, Türkiye

Hasel [↗](#)

- Delivered responsive and user-friendly **web projects**, consistently meeting **deadlines** and establishing a strong professional foundation in **software development**.
- Conducted **quality assurance testing**, ensuring functionality and reliability across devices.
- Focused on **responsive design**, optimizing projects for various screen sizes and devices to enhance accessibility and user engagement.

PROJECTS

Quizly [↗](#)

2024

A SaaS platform enabling users to create and take quizzes

- **Founded and developed Quizly**, a SaaS platform for creating quizzes with interactive data visualization and **AI-powered quiz generation**.
- **Designed and implemented a Retrieval-Augmented Generation (RAG) model**, leveraging **large language models** to generate custom quizzes from user-provided notes, enhancing personalization and content quality.
- Optimized performance to achieve **10% faster response times**, ensuring scalability and user satisfaction.

Landclub [↗](#)

2023

A side project for a real estate investment company

- Designed and implemented a high-performance **e-commerce platform** tailored to real estate investments.
- Achieved a **97% performance score** by optimizing the codebase for scalability and maintainability.
- Developed a streamlined and user-friendly admin panel, reducing the time required for employees to upload property postings by **25%**.
- Collaborated with stakeholders to ensure the platform met business objectives, delivering measurable results within deadlines.

EDUCATION

Doğuş University [↗](#)

2018 – 2024 | İstanbul, Türkiye

Bachelor Degree in Computer Engineering

- Graduated from a **prestigious and globally recognized institution** with strong accreditation in engineering and technology education.
- Built expertise in **computer engineering principles**, including **information systems**, **machine learning**, and **algorithm design**, applying knowledge to real-world problems.

Canadian University Dubai [↗](#)

2017 – 2018 | Dubai, U.A.E

Computer Engineering Coursework

- Transferred from **Ajman University** (2016)
- Completed coursework in **Object-Oriented Programming** (Python, Java), **Computer Architecture**, and Logic Circuits.

LANGUAGES

- English

- Arabic

- Turkish