

Mustafa Aslanov

AI Engineer (Machine Learning & Deep Learning)

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 Baku, Azerbaijan

 LinkedIn

 GitHub

Brief

AI Engineer with expertise in Machine Learning, Deep Learning, and MLOps, proficient in Python, PyTorch, TensorFlow, and FastAPI. Skilled in developing intelligent, data-driven systems and deploying AI models with modern tools such as Docker and CI/CD workflows. Experienced in building end-to-end AI applications that merge scalable back-end APIs with interactive front-end interfaces built using React.js and Next.js. Passionate about solving real-world problems through applied AI and optimizing performance from model training to deployment.

WORK EXPERIENCE

Freelance Front-End Developer

07/2023 – Present

- Designed and delivered responsive, high-performance web applications using React.js, Next.js, and TypeScript.
- Developed data-driven UI features and integrated REST APIs to support Machine Learning-based backend systems.
- Improved performance, SEO, and accessibility while ensuring seamless deployment automation via Vercel CI/CD.
- Collaborated with clients to translate business requirements into scalable technical solutions.

Front-End Developer (Intern), Baku Design Center

02/2025 – 06/2025

Baku, Azerbaijan

- Worked with senior developers to build and optimize Next.js applications with strong focus on performance and UX.
- Implemented modular components, API integrations, and TypeScript-based logic to improve maintainability.
- Supported UI/UX refinement, cross-browser testing, and debugging for seamless user experience.
- Gained experience in team-based agile workflow, version control (Git), and frontend deployment pipelines.

EDUCATION

Master's Degree – Information Systems in Management,

09/2025 – Present

Azerbaijan State Oil and Industry University

Baku, Azerbaijan

- Focusing on AI-driven data systems, process automation, and intelligent business solutions.

Bachelor's Degree – Computer Engineering,*Azerbaijan State Oil and Industry University*

- GPA: 85 / Report Defense Score: 97
- Graduated under the SABAH Groups (Selected Excellence Program)

09/2021 – 06/2025

Baku, Azerbaijan

HARD SKILLS

- Python (NumPy, Pandas, Matplotlib, Seaborn)
- Machine Learning Frameworks: Scikit-learn, TensorFlow, PyTorch
- Data Analysis & Visualization (EDA, Feature Engineering)
- API Development & Deployment: FastAPI, Docker, REST APIs
- SQL / Data Querying / Model Integration
- Git / GitHub / MLOps / CI-CD Pipelines
- (Supportive) React.js / Next.js / TypeScript / JavaScript

SOFT SKILLS

- Problem-Solving & Analytical Thinking
- Collaboration & Communication — fostering teamwork and clarity
- Adaptability & Time Management — maintaining focus under evolving priorities
- Attention to Detail & Continuous Learning — improving accuracy through self-growth
- Critical Thinking & Accountability
- Research & Innovation Mindset
- Lifelong Learning & Curiosity — staying updated with AI & emerging technologies

LANGUAGES

Azerbaijan

Native

Turkish

C1 — Full Professional Proficiency

English

B2 — Professional Working Proficiency

Russian

A1 — Basic Communication

CERTIFICATES / COURSES

AI & Machine Learning Program, IDTech*Academy — Digital Youth Scholarship by the Ministry of Internal Affairs (Azerbaijan)*

10/2025 – 02/2026 | Baku, Azerbaijan

Focused on end-to-end AI development, covering data analysis, model training, deep learning (CNNs, Transformers), and deployment with FastAPI, SQL, and Docker.

Baku Design Center,*Front-End Development Certification***References**

Irada Afandi, CEO, Baku Design Center

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