

Mustafa Aslanov

AI Engineer | Machine Learning & Deep Learning

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 GitHub  Portfolio

Brief

AI Engineer specializing in Machine Learning, Deep Learning, and MLOps. Proficient in Python, PyTorch, TensorFlow, and FastAPI, with experience deploying AI models via Docker and CI/CD. Passionate about building intelligent, scalable, real-world AI solutions.

WORK EXPERIENCE

Freelance Front-End Developer

07/2023 – Present

- Designed and delivered responsive, high-performance web applications using React.js, Next.js, and TypeScript.
- Integrated REST APIs with Machine Learning-based backend systems to deliver intelligent, data-driven user experiences.
- Improved performance, SEO, and accessibility, ensuring seamless deployment automation via Vercel CI/CD.

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,

09/2021 – 06/2025

Azerbaijan State Oil and Industry University

Baku, Azerbaijan

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

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
- Frontend (Integration Focused): React.js, Next.js, TypeScript, JavaScript, CSS

LANGUAGES

Azerbaijan

Native

Turkish

C1 — Full Professional Proficiency

English

B2 — Professional Working Proficiency

Russian

A1 — Basic Communication

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

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

İrada Afandi, CEO, Baku Design Center

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