



# Elena Bai

AI Engineer

Germany | +49 1577 3801537 | [elenabai.2021@gmail.com](mailto:elenabai.2021@gmail.com) | [Portfolio](#)  
[LinkedIn](#) [GitHub](#)

AI Engineer focused on building production-ready LLM applications and agentic systems. Experienced in designing RAG pipelines, real-time AI platforms, and API-driven architectures using FastAPI and Docker. Recently built and deployed full-stack AI systems integrating live data, autonomous agents, and streaming interfaces.

## AREAS OF EXPERTISE

Python • JavaScript • TypeScript • HTML/CSS • FastAPI • Flask • REST APIs • GenAI • LLM • Claude Code • RAG • Prompt Engineering • SQLite • PostgreSQL • SQLAlchemy • Git • GitHub • Docker • CI/CD • TDD • BDD • Linux • JSON • Teamwork • Problem-solving • Communication • Critical thinking • Leadership

## PROJECTS

### BASI - AI Crypto Trading Agent

Jan 2025 - March 2026

[GitHub BASI](#)

- Developed AI-powered platform for real-time crypto trading signals. Integrated multiple crypto APIs, calculated technical indicators (RSI, MACD, Bollinger Bands), implemented Flask REST API with WebSocket and JWT authentication. Deployed on Render with Docker, CI/CD, and 39-test pytest suite.

### AI Avatar Stream - Full-Stack AI Streaming Platform

Feb 2026 - Mar 2026

[GitHub AI Avatar Stream](#)

- Built full-stack platform for real-time AI agent debates on YouTube Live. Developed FastAPI backend with WebSocket, integrated Groq LLM and ElevenLabs TTS. Implemented Docker and CI/CD via GitHub Actions.

## EXPERIENCE

### Webeet.io

AI & Software Engineer Intern

Aug 2025 - Sep 2025

Amsterdam, Netherlands

- Refactored backend microservices (Fastify, TypeScript, Zod) improving code maintainability by 30%.
- Built secure authentication endpoints with 100% test coverage (TDD/BDD).
- Enhanced API documentation, reducing onboarding time for new developers.

### Gorillas Technology GmbH

Senior Shift Lead

Jul 2021 - May 2024

Düsseldorf | Essen, Germany

- Led and trained a team of 20+ employees, increasing operational efficiency by 30%.
- Consistently achieved top KPIs and received regular performance-based bonuses.

### Previous Experience

2008 - 2020

Germany | Russia

Background in logistics, sales, store operations, and executive support.

## EDUCATION

### Master School Institute of Technology

Software Engineering | AI Engineering

Jul 2024 - Sep 2025

Remote

- Completed an intensive full-time program focused on Python, REST APIs, and Generative AI.
- Built multiple hands-on projects including LLM-based applications and full-stack systems.

### Donetsk State University of Management

Bachelor's degree in Management

Sep 2001 - Jun 2006

Full-time

## LANGUAGES

English - C1 (Fluent), German - B1 (Intermediate), Russian - Native, Ukrainian - Native