Mariia Ganza

Backend-leaning Fullstack Engineer

Remote — LATAM | Available for scheduled US/EU time-zone overlap
email | portfolio | LinkedIn | GitHub

Software engineer with professional experience in React/TypeScript applications, reusable UI components, and automated testing. Currently focused on Python backend development through an independently developed FastAPI/PostgreSQL application. Interested in tracing problems across the browser, API, and database, building on an engineering background in C/C++ and microcontrollers.

SKILLS

BACKEND & DATA: Python, FastAPI, SQLAlchemy, PostgreSQL, Redis, REST APIs, GraphQL, Node.js, Apollo Server

FRONTEND: TypeScript, JavaScript, React, Next.js, Apollo Client, Redux, HTML, CSS, Storybook

ENGINEERING PRACTICES: Docker, GitHub Actions, Cypress, Jest, Unit testing

PROJECTS

Language Learning Platform — Independent project | Case Study | GitHub

Python, FastAPI, SQLAlchemy, PostgreSQL, Redis, React, TypeScript

- Implemented a FastAPI REST backend and Redis-backed session authentication for a separately deployed React client.
- Modeled learner-owned vocabulary, per-game scheduling state, and review history in PostgreSQL; implemented configurable spaced-repetition logic.
- Rebuilt an earlier Node.js/GraphQL implementation in Python, separating client and server builds and replacing shared TypeScript packages with a documented REST contract.

Stars Travel — Independent portfolio project | GitHub

Next.js, TypeScript, Prisma, PostgreSQL, Redis, OpenAI API

- Built a fictional travel-agency application exploring Next.js fullstack development and AI chatbot integration.

EXPERIENCE

EPAM Systems — *Senior Software Engineer*

Aug 2020 – Dec 2025

- Built and maintained client-facing React and TypeScript applications, with attention to component architecture, UI performance, and accessibility.
- Developed reusable components for an enterprise design system used across product surfaces.
- Built and maintained automated Cypress tests for critical user flows and shared UI components.

Usetech — *Senior Software Engineer*

Jun 2019 – Jul 2020

- Developed and maintained reusable UI components for a company-wide design system, with a Storybook library used by design and marketing teams.
- Wrote and maintained automated tests for shared UI components.
- Implemented accessibility improvements on team-maintained pages based on findings from the bank's dedicated accessibility team.

EPAM Systems — *Frontend Developer*

2017 – 2019

- Worked on user-facing web applications, including legacy-system improvements and conversion-focused UI.
- Optimized SVG and font delivery to improve application performance.
- Built JavaScript analytics tooling used to investigate conversion behavior and user interactions.

EDUCATION

Saint Petersburg State Electrotechnical University "LETI" — *Bachelor of Instrumentation Technology*

2012 – 2017

Engineering foundation: C/C++, microcontrollers, sensor/display interfaces, constrained memory, and hardware/software debugging.