

# Ana Qildeli Khutsishvili *Software Engineer*

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Results-driven Software Engineer with an expertise in Python, Django, and FastAPI. Skilled in developing scalable APIs, containerizing applications, and proficient in AWS cloud infrastructure. Quick learner, currently enhancing skills in TypeScript with React.js and Node.js.

## Skills

### Back-end

Python, Django Rest Framework, FastAPI, Flask, Docker, REST API, GIT, OOP

### Databases

SQL, PostgreSQL, MongoDB, Redis, SQLite

### Cloud

AWS, Serverless Computing, Networking, CI/CD, GitHub Actions

### Data Science

NumPy, Pandas, Scikit-learn, LangChain, Tableau, Matplotlib, Seaborn

## Professional Experience

### Software Engineer, Making Science 🌐

May 2023 – present

- **Freelance Platform** (Python, Django, AWS, Docker, Redis, Celery)  
Implemented a project showcase feature and developed an AI interviewer tool to enhance skill improvement. Integrated a chat system and freelancer-client matching system, while addressing bugs and optimizing database queries. Added CV generation for freelancer profiles using HTML and CSS. Implemented a blog system.
- **AI Recommendation API** (Python, FastAPI, MongoDB, LangChain, Docker, AWS)  
Enhanced an existing booking platform with an AI-driven recommendation system using LangChain. Implemented prompts for LLM to analyze user inputs and provide the most suitable recommendations.

### Freelance Software Engineer

May 2023 – Aug 2024

- **Tour Booking System** (Python, Django, PostgreSQL, AWS ECS, CI/CD)  
Developed an MVP booking system API with user and admin interfaces. Designed project architecture and database. Implemented JWT authentication, tour CRUD, admin review system, and email notifications for end users and tour agencies. Managed full cloud deployment including domain setup and CI/CD pipelines.
- **Real-Time Dashboard** (Typescript, React.js, GraphQL, Python, FastAPI, SQLite, Docker, EC2, CI/CD)  
Developed a responsive full-stack web application with JWT authentication, real-time updates, and a dynamic dashboard with notifications using WebSockets. Implemented CI/CD pipelines with GitHub Actions, Docker Hub, and hosted on EC2.

### Machine Learning Engineer, MaxinAI 🌐

Sep 2022 – Nov 2022

- **Sandbox NFT Market Prediction System** (Python, Pandas, MongoDB, Sci-kit Learn, Plotly)  
Parsed and cleaned Sandbox NFT market data and stored the processed data in MongoDB. Integrated real-time Ethereum and USD prices via Coingecko API to align historical market data with current trends. Delivered visual insights and built a predictive ML model with Sci-kit Learn.

### Data Analyst, Adjarabet (Flutter Entertainment plc) 🌐

Jan 2022 – Jun 2023

Implemented PostgreSQL for efficient database management and Tableau for advanced data visualization, reducing analysis time by 80% and improving work quality. Integrated machine learning techniques for enhanced market research in Georgia and globally, driving company growth and expanding into international markets.

## Education

### Sociology, B.A.,

Ivane Javakhishvili Tbilisi State University 🌐

2017 – 2021 | Tbilisi, Georgia

## Languages

English (Fluent), Georgian (Native)