

Maksym A.

Back-End / AI Developer

Summary of Qualifications

I have 4 years of experience in back-end software development and AI integrations from concept to support and maintenance: communication with the client, working with requirements, coding, developing an MVP, presentation to investors, support, monitoring, updating, and bug fixes. In addition to experience, I have fundamental knowledge from my degree – a bachelor's in computer science.

The main technologies that I used in my previous projects were Python, PostgreSQL, Docker, and GCP.

Additionally, I am a responsible, reliable, and hardworking developer, my main goal is to do my job well and learn something new every day.

Skills

Programming Languages/Technologies

- SaaS/RIA Research & Development
- Asynchronous Programming
- Technical Documentation/Architecture Reports
- XML/JSON/YAML
- Python

RDBMS

- MySQL
- PostgreSQL
- Alembic
- Neo4j

NoSQL

- Redis
- MongoDB

Virtualization Tools

- Docker / Docker Compose

Methodologies

- Agile, Scrum, Kanban
- Pair Programming

Operating Systems

- Microsoft Windows
- Debian/Ubuntu/ Arch/Linux
- macOS

CI/CD

- GitHub CI/CD
- GitHub Actions

Frameworks/Libraries

- FastAPI
- Flask
- SQLAlchemy
- Numpy/Pandas
- OpenAI
- LangChain
- Requests
- Aiohttp
- Grafana
- Prometheus
- Bs4
- Tkinter
- N8N

Application/Web Servers

- Nginx

Cloud Providers

- GCP
- AWS

Development Tools

- Visual Studio
- PyCharm
- Qt Creator

Testing Tools

- Postman
- Pytest
- Selenium
- Unittest
- Sentry

Versions Control

- Git
- GitHub
- GitLab

Experience

Project Description:

Cost Optimizer for Google Ads

A project focused on developing tools for data collection and analysis to optimize Google Ads spending.

The service collected advertising campaign metrics, used scrapers to identify competitors in search result pages, and analyzed data such as clicks and conversions. Based on this analysis, the system automatically decided whether to adjust bids or pause campaigns.

Domain:

Data Engineering

Involvement Duration:

1 year

Project Role:

Back-End Developer | Team Lead

Responsibilities:

- Back-end development;
- Team management;
- Building ETL pipelines;
- Improving system architecture;
- Implementing new features;
- API integrations;
- Development, build, and deployment scripts;
- Bug fixing;
- Deployment.

Project Team Size:

3-4 team members

Tools & Technologies:

Python, GCP, Cloud Run Functions, BigQuery, Pandas, Google Ads API.

Project Description:

Pikt – AI website builder

The web platform featuring AI-driven website creation, integrated e-commerce solutions, automated domain registration, and custom email services. Built end-to-end functionality enabling users to launch professional websites with intelligent design generation, payment processing, and domain management through a single interface.

Domain:

Web development

Involvement Duration:

1.5 years

Project Role:

Back-End/AI Developer

Responsibilities:

- Back-end development;
- Team management;
- API integrations;
- Prompt engineering;
- Code base refactoring;
- Implementing new features;
- Development, build and deployment scripts;
- Fixing bugs;
- Code review.

Project Team Size:

8-10 team members

Tools & Technologies:

Python, FastAPI, OpenAI, Stripe, Web Sockets, Anthropic API, LangChain, Google Search Console, PostgreSQL, Redis, Auth0, OVH, Postman, Prometheus/Grafana, Docker.

Project Description:

Web scrapers and data analytics

The project is about developing web scrapers that run every day to update the analytics/graphs on the website. The app pulls data from multiple external APIs, does lots of processing and manipulations to generate summaries and analytics, and then presents results in analytical dashboards with various controls for further analysis.

Domain:

Software Development

Involvement Duration:

1.5 years

Project Role:

Back-End Developer

Responsibilities:	<ul style="list-style-type: none">▪ Back-end development;▪ Improve system architecture;▪ Codebase refactoring;▪ Implementing new features;▪ API integrations;▪ Web Scraping (YouTube, Reddit);▪ Deploy scripts;▪ Code review.
Project Team Size:	3-5 team members
Tools & Technologies:	Python, FastAPI, Streamlit, BigQuery, Neo4j, Aiohttp, GCP, Firebase, Pandas, Docker, Docker Compose.

Certificates	Python Course Coursera, Ukraine 
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Education	Master's degree Sumy State University Computerized Control Systems and Robotics
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Languages	English - Upper-Intermediate Ukrainian - Native
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