

Summary of Qualifications

I'm a Full-Stack Developer with 6 years of proven experience. I have been working with various programming languages and technologies, and I know how to communicate with customers, work with requirements, create technical specifications, and develop an MVP. I am experienced in developing and maintaining robust technical solutions that solve complex problems.

The main technologies I used in my previous projects were Python (FastAPI, Django, Flask), JavaScript (React.js, Vue.js), PostgreSQL, Docker, AWS, and Azure.

I have excellent problem-solving skills and a keen eye for detail. I believe that clear communication is 50% of success. I'm able to work both independently and in a team, meet deadlines, and learn new technologies. I'm eager to apply my skills and experience to contribute to the achievement of your business' goals.

Skills

Programming Languages/Technologies

- Software Architecture Design/UML/Reverse Engineering/Design Patterns
- SaaS/SOA/RIA Research & Development
- Technical Documentation/Architecture Reports/Proposals/SRS
- JavaScript/TypeScript
- XML/JSON/YAML
- Python
- HTML/CSS/LESS/Sass
- SQL/T-SQL
- WebSockets

RDBMS

- MySQL
- PostgreSQL
- SQLite
- Alembic

NoSQL

- Elasticsearch
- Redis
- MongoDB

Virtualization Tools

- Docker

Methodologies

- Agile, Scrum, Kanban
- Pair Programming
- Test Driven, Feature Driven, Behavior Driven Development
- Waterfall

Operating Systems

- Microsoft Windows
- Debian/Ubuntu/Linux
- macOS

CI/CD

Frameworks/Libraries

- FastAPI
- Django
- Flask
- Symfony
- SQLAlchemy
- AIOHTTP
- ReactJS
- VueJS
- React Native
- jQuery
- Numpy/Pandas
- bs4
- Aiogram
- Prometheus
- Grafana
- TensorFlow
- Matplotlib
- Keras
- Scikit Learn
- NLTK
- SciPy
- Celery
- RabbitMQ
- Airflow
- Kafka

Application/Web Servers

- Nginx

Cloud Providers

- AWS
- Azure

Development Tools

- Visual Studio
- PyCharm



Testing Tools

	<ul style="list-style-type: none"> ▪ GitHub CI/CD ▪ GitHub Actions ▪ Bitbucket CI/CD <p>Versions Control</p> <ul style="list-style-type: none"> ▪ Git ▪ GitHub ▪ GitLab ▪ BitBucket 	<ul style="list-style-type: none"> ▪ Postman ▪ Selenium ▪ Pytest ▪ Unittest ▪ Another Redis Manager ▪ Sentry ▪ Jest <p>Hardware</p> <ul style="list-style-type: none"> ▪ Network technologies ▪ Different technological device
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Experience	<p>Data Analytics Chatbot</p> <p>Project Description: This project aimed to unleash all the possibilities of LLMs to tackle not only language understanding tasks but also analytical understanding, logical reasoning, and analytical computations. This chatbot can work with various dataset formats, generate and execute SQL/Python depending on user requests or tasks, solve logic reasoning tasks, visualize data based on dataset contents and Python/SQL code, recommend visualizations for user-specific needs, etc.</p> <p>Domains: AI&ML</p> <p>Involvement Duration: 1 year</p> <p>Project Role: Back-end / AI Developer</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> ▪ Back-end Development; ▪ Training/Developing ML Tools for chatbot; ▪ Prompt engineering; ▪ Using LLMs (Claude 3.5 and GPT – 4/4o) to analyze and orchestrate chatbot agent behaviour; ▪ Creating analytical and mathematical tools to extend LLM analytical capabilities; ▪ Integrations with various APIs; ▪ Implementing and maintaining a scalable and robust infrastructure using AWS/Azure; ▪ Ensuring high levels of security and data protection; ▪ Developing and maintaining API documentation; ▪ Implementing new features; ▪ Participating in UI development; ▪ Code review. <p>Project Team Size: 3 – 5 team members</p> <p>Tools & Technologies: Python, PostgreSQL, AWS (DynamoDB, EC2, ...), LIDA, PAL, Langchain, matplotlib/plotly/ggplot, streamlit, NLTK, transformers, Antrophic API (Claude 3.5), OpenAI API (GPT-3.5/4/4o), pandas, Azure/GCP.</p>	
	<p>AI SAAS platform for natural language understanding</p> <p>Project Description: AI SAAS platform that provides tools for analyzing conversational text, such as support tickets, open-ended survey responses, and product reviews. Built using containerized applications, that utilize GPU processing, and backed by AWS, GCP and Azure infrastructure, based on client's needs.</p> <p>Domains: AI & Machine Learning Natural Language Processing</p> <p>Involvement Duration: 1 year</p> <p>Project Role: Back End Developer, DevOps</p> <p>Responsibilities:</p> <ul style="list-style-type: none"> ▪ Implementing new BE features; ▪ Refactoring existing backend code; ▪ API integrations; 	

Project Team Size:	5-8 team members
Tools & Technologies:	Python, FastAPI, PostgreSQL, MongoDB, Redis, Terraform, Docker, PyTest, Kafka, Celery, AWS Cloud (EC2, ECS, ECR, S3, CDK), NLTK, TensorFlow, Spacy, Torch, Nginx, Ingress, GitHub Actions, Jenkins.
Project Description:	Research and development center Development of the instrument for the prediction of sporting events. Technologies are engineered with custom-built advanced statistical models, proprietary algorithms, and best-in-class real-time data processing. The portfolio includes offline algorithms that predict full match results and online algorithms that are fed with a live data stream of match events and update their predictions in real-time.
Domain:	AI & Machine Learning
Involvement Duration:	2 years
Project Role:	Back End Developer
Responsibilities:	<ul style="list-style-type: none"> ▪ Development of microservices; ▪ Refactoring existing backend code; ▪ Improving system architecture; ▪ Implementing new features; ▪ API integrations; ▪ Fixing bugs; ▪ Unit testing; ▪ Code review.
Project Team Size:	5-8 team members
Tools & Technologies:	Python, FastAPI, VueJS, SQLAlchemy, Alembic, PostgreSQL, Airflow, NLTK, TensorFlow, Grafana, Prometheus, Elastic, Websockets, Rancher, Unittest, PySpark, Selenium, AWS, Jenkins, Sentry, Numpy/Pandas, Docker.
Project Description:	Web3 tools for user acquisition The company is building web3 tools for developers for marketing automation, user acquisition, and growth through analytics, attribution, community building.
Domain:	Marketing
Involvement Duration:	1 year
Project Role:	Full Stack Developer
Responsibilities:	<ul style="list-style-type: none"> ▪ Integration with multiple coins blockchain; ▪ Blockchain market analysis with AI algorithm; ▪ Code development; ▪ Development, build and deployment scripts; ▪ Creating mainly web3 transactions related; ▪ Checking user wallets; ▪ Unit testing.
Project Team Size:	9-12 team members
Tools & Technologies:	Python, FastAPI, Web3, ReactJS, Websockets, Solidity, RabbitMQ, TensorFlow, SciPy, Auth0, Peewee ORM, GamiPress, Google Cloud, AWS.

Web application for consulting in management area

Project Description:	The solution helps the company to provide their client with statistical and theoretical data to improve the effectiveness of their trading platforms.	
Domain:	Logistics	
Involvement Duration:	1 year	
Project Role:	Full Stack Developer	
Responsibilities:	<ul style="list-style-type: none">▪ Preparing technical specification;▪ Improving system architecture;▪ Implementing new features;▪ Refactoring existing backend code;▪ API integrations;▪ Fix bugs;▪ Unit testing;▪ Code review.	
Project Team Size:	20-25 team members	
Tools & Technologies:	Python 3.8, FastAPI, SQLAlchemy, Alembic, PostgreSQL, Unittest, PySpark, AWS, Jenkins, Sentry, Numpy/Pandas, Keras, Scikit Learn, Mathplotlib, Docker.	
Certificates	Python Advanced/Pro Hillel IT school, Odesa	
	Spreadsheet Fundamentals Track Datacamp	
Education	Bachelor's Degree Odessa I. I. Mechnikov National University Faculty of Mathematics, Physics, and Information Technology	
Languages	English: Advanced	
	Ukrainian: Native	
	Russian: Native	