Vlad G.
Full Stack Developer
Barcelona, Spain

Summary of Qualifications	I'm a Full-Stack Developer with 5 years of proven experience. I have been working with various programming languages and technologies, and know how to communicate with the customers, work with requirements, create technical specifications, and develop an MVP. I am experienced at 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

- Oracle
- MySQL
- PostgreSQL
- MS SQL
- Alembic

NoSQL

- MongoDB
- Elasticsearch
- Redis
- MongoDB

Virtualization Tools

- Docker

Methodologies

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

Operating Systems

- Microsoft Windows
- Ubuntu/Linux Mint
- macOS

Frameworks/Libraries

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

Application/Web Servers

- Nginx

Cloud Providers

- AWS
- Azure

Development Tools

- Visual Studio
- PyCharm

Testing Tools

- Postman
- Selenium
- PyTest
- Unittest
- Another Redis Manager

	CI/CD		Sentry
			Jest
	▪ Bitbucket CI/CD		
	▪ GitHub Actions	Hardware	
	▪ Gitlab CI/CD		▪ Network technologies
			▪ Different technological device

Experience

AI SAAS platform for natural language understanding

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.
Domains:	AI & Machine Learning | Natural Language Processing
Involvement Duration:	1 year
Project Role:	Back End Developer, DevOps
Responsibilities:	▪ Implementing new BE features; ▪ Refactoring existing backend code; ▪ API integrations; ▪ Deploy and configure infrastructure using TerraForm; ▪ Writing of Cron Jobs scripts; ▪ Providing access to AWS and Azure DevOps; ▪ Creating alerts for monitoring in Alert Manager; ▪ Migration from Jenkins and Terraform to Github Actions and AWS CDK; ▪ Unit testing; ▪ Code review.
Project Team Size:	5-8 team members
Tools & Technologies:	Python 3.10, FastAPI, PostgreSQL, MongoDB, Redis Terraform, Docker, PyTest, AWS Cloud (EC2, ECS, ECR, S3, CDK), NLTK, TensorFlow, Spacy, Torch, Nginx, Ingress, GitHub Actions, Jenkins.

Research and development center

Project Description:	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.
Domains:	AI & Machine Learning
Involvement Duration:	1 year
Project Role:	Back End Developer
Responsibilities:	▪ 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 3.9-10, FastAPI, SQLAlchemy, Alembic, PostgreSQL, NLTK, TensorFlow, Grafana, Prometheus, Elastic, Websockets, Rancher, ReactNative, ReactJS, VueJS, Unittest, PySpark, AWS, Jenkins, Sentry, Numpy/Pandas, Docker.

Web3 tools for user acquisition

Project Description:	The company is building web3 tools for developers for marketing automation, user acquisition, and growth through analytics, attribution, community building.
Domains:	Marketing
Involvement Duration:	1,5 years
Project Role:	Full-Stack Developer
Responsibilities:	- 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 3.8, FastAPI, Web3, ReactJS, Websockets, 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.
Domains:	Management
Involvement Duration:	1,5 years
Project Role:	Full Stack Developer
Responsibilities:	- 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.

Certifications	
	Python Advanced 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: Upper-Intermediate
	Ukrainian: Native
	Russian: Native