

Valentyn S.

Full Stack Developer

Summary of Qualifications

I am a full stack developer with 5 years of experience, with passion in building services with Python and it's rich infrastructure. Open-mind for new technologies and best practices.

The main technologies I used in my previous projects were for BE - Python (FastAPI, Flask, Django, DRF), for FE - JS (React, Vue); DBs - MySQL, PostgreSQL, MongoDB, SQLAlchemy, Alembic; server hosting – AWS (Cloud Practitioner), Azure.

I am a self-taught, goal-oriented, hardworking developer, great team player. Washed up candidate master in chess.

Skills

Programming Languages/Technologies

- Software Architecture Design/Reverse Engineering/Design Patterns
- Technical Documentation/Architecture Reports/Proposals
- JavaScript/TypeScript
- XML/JSON/YAML
- Python
- HTML/CSS
- SQL/NoSQL
- WebSockets

RDBMS

- MySQL
- Alembic
- PostgreSQL
- SQLite

NoSQL

- MongoDB
- GraphQL

Containerization Tools

- Docker
- Kubernetes

Methodologies

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

Operating Systems

- Microsoft Windows
- Debian/Ubuntu/Linux

CI/CD

- GitHub CI/CD

Frameworks/Libraries

- Django
- Flask
- FastAPI
- SQLAlchemy
- ReactJS
- boto3
- AIOHTTP
- Pip
- BS4
- Requests
- PyTest
- Pillow

Application/Web Servers

- Nginx

Cloud Providers

- AWS
- Azure

Development Tools

- Visual Studio

Testing Tools

- Postman
- PyTest
- Unittest
- Mock

Versions Control

- Git
- GitHub
- GitLab

Experience

Project Description:

AI platform for automation of FinTech processes

AI platform based on microservice architecture for automating document processing in a banking structure with the help of artificial intelligence. The platform allows you to automate various banking processes, such as seizing property, lending, and investing. Automation of document processing allows you to speed up the work process, removes the likelihood of human error, allows you to process applications faster, while involving fewer employees.

Domains:

AI & Machine Learning | FinTech

Involvement Duration:

1 year

Project Role:

Back End Developer

Responsibilities:

- Implementing new BE features;
- Refactoring existing backend code;
- API integrations;
- Deploy and configure infrastructure using Kubernetes;
- Providing access to Azure and Azure DevOps;
- Development of microservices;
- Fixing bugs;
- Unit testing;
- Code review.

Project Team Size:

5-8 team members

Tools & Technologies:

Python, FastAPI, PostgreSQL, MongoDB, Redis, Dapr, Grafana, Prometheus, Kubernetes, Docker, PyTest, Azure Cloud (AKS, ACR, AAD, Storage, Vm, Networking AppService, CosmosDB), NLTK, TensorFlow, Spacy, Torch, Nginx, Ingress, GitHub Actions.

Project Description:

Cryptocurrency info platform

Solution for analyzing centralized and decentralized exchanges and tokens in one place. Which helps customers to automate and find the right time to make a trade, helping with the research.

Domains:

Cryptocurrency

Involvement Duration:

1,5 years

Project Role:

Full-stack Developer

Responsibilities:

- Implementing new features;
- API integrations;
- Replaced 3-rd party data source;
- Development, build and deployment scripts;
- Deployment on Azure;
- Fixing bugs;
- Code review;

Project Team Size:

3-4 team members

Tools & Technologies:

Python 3.10, FastAPI, Asyncio, PostgreSQL, SQLAlchemy, TypeScript, React, GraphQL, Azure, Kubernetes, Docker.

Project Description:

E-commerce solution for thematic canvas pictures

The project is an e-commerce website, that helps people in finding thematic pictures and printing them on canvas in partnered locations. Project involves image parsing from external source (provided and owned by client), image processing.

Domains:

E-commerce

Involvement Duration:

1,5 years

Project Role:

Full Stack Developer

Responsibilities:	<ul style="list-style-type: none"> ▪ Implementing new features; ▪ Code refactoring; ▪ API integrations; ▪ Development, build and deployment scripts; ▪ Unit testing; ▪ Deployment on AWS; ▪ Fixing bugs; ▪ Code review;
Project Team Size:	5-6 team members
Tools & Technologies:	Python 3.9, Django, DRF, Django ORM, Pillow, Asyncio, PostgreSQL, AWS EC2, AWS RDS, PyTest, Docker, React.
Project Description:	<p>The AI solution for tax calculation and accounting in the US</p> <p>The solution for the automation of tax reports in the US market, helps in checking and parsing new updates in the tax legislation and accounting for all changes using NLP technologies.</p>
Domains:	AI & Machine Learning FinTech
Involvement Duration:	1 year
Project Role:	Full Stack Developer
Responsibilities:	<ul style="list-style-type: none"> ▪ Implementing new features; ▪ API integrations; ▪ Development, build and deployment scripts; ▪ Unit testing; ▪ Deployment on AWS; ▪ Fixing bugs; ▪ Code review;
Project Team Size:	4-6 team member
Tools & Technologies:	Python 3.8, FastAPI, PostgreSQL, JS, Vue2, AWS EC2, AWS S3, Docker, Webpack, babel,.

Certifications	AWS Certified Developer 2023	
	AWS Certified Cloud Practitioner 2022	
	EF SET English Certificate 73/100 (C2 Proficient) https://www.efset.org/cert/AjUBNV 2021	

Education	Master Degree in Computer Science Polytechnic National University, Lviv Automation and computer integrated technologies
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