Kirill L.
Full Stack Developer

Summary of Qualifications	I am a skilled and dedicated full-stack web developer with 6 years of experience in Python and Node.js, I'm also an experienced DevOps Engineer and Master in Computer Science. I know how to work through the entire project development cycle - from architecture selection to application deployment. I can write clean and readable code with OOP principles, make documentation, perform refactoring, cover code with unit tests, and conduct code reviews. I like to work both in a team and individually.
	The main technologies which I used in my previous projects were Python and Node.js for BE and Native.js, Vue.js, React.js, React Native, Angular.js for FE. From Python, I've worked with FastAPI, Django, DRF, and Flask frameworks. From Node.js, I've worked with Express.js, Fastify and Nest.js to create backend applications.
	My most outstanding qualities are good communication, the ability to work in a team, the ability to solve problems, and the willingness to learn new things.

Skills

Programming Languages/Technologies

- Software Architecture Design/UML/ Reverse Engineering/Design Patterns
- Technical Documentation/Architecture Reports/Proposals/SRS
- JavaScript/TypeScript
- XML/JSON/YAML
- Python
- Numpy/Pandas
- HTML/CSS/LESS/Sass
- SQL
- NodeJS

RDBMS

- MS SQL Server
- MySQL
- PostgreSQL

NoSQL

- MongoDB
- Elasticsearch

Methodologies

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

Operating Systems

- Microsoft Windows
- SUSE Linux
- macOS
- Debian/Ubuntu/LinuxMint

IaC
- Terraform

CI/CD
- Jenkins
- GitLab CI/CD
- GitHub Actions

Versions Control

- Git
- GitHub
- GitLab
- BitBucket

Frameworks/Libraries

- Django/DRF
- FastAPI
- Flask
- Webapp2
- ReactJS
- Vue.js
- Nest.js
- Next,js
- Fastify
- Angular
- TypeORM
- SQLAlchemy
- Numpy/Pandas
- Spacy
- bs4
- boto3
- Twilio
- Celery
- Prisma
- main python libraries

Application/Web Servers

- Apache
- Nginx

Virtualization Tools

- Docker
- Kubernetes

Cloud Providers

- AWS
- GCP
- Heroku
- Azure

Development Tools

- PyCharm
- Visual Studio Code
- WebStorm

Testing Tools/Libraries

- Postman
- Pytest
- Unittest, Mock
- Sentry

Experience

Model Training Service

Project Description:	Automated Visual Inspection of Production Quality using Artificial Intelligence. The developed app is an artificial intelligence-based optical quality control and defect detection system for manufacturers, consisting of the self-learning AI.SE Core and the AI.SEE Line Inspector modules – smart cameras and AI evaluation tools installed directly on the assembly line and managed via the Core. Incoming images are evaluated at the assembly line and further processes are controlled.
Domains:	AI & Machine Learning
Involvement Duration:	1,5 year
Project Role:	Full Stack Developer
Responsibilities:	- Improving system architecture; - Implementing new features; - Front-end development; - Back-end development; - API integrations; - Application deployment; - Fix bugs; - Unit testing; - Code review.
Project Team Size:	6-8 team members
Tools & Technologies:	Node.js, Express, Angular, TypeScript, MySQL, TypeORM, Redis, Azure VM, Azure Storage, Terraform, Docker.

Cryptocurrency info platform

Project Description:	It's an app that helps you trade smarter. It combines info from regular and decentralized exchanges, making automatic trading and finding the best times to trade easier. By putting data together from different sources, it makes trading simple and effective.
Domains:	Cryptocurrency
Involvement Duration:	1,5 year
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; - Unit testing;
Project Team Size:	3-4 team members
Tools & Technologies:	Python 3.10, FastAPI, Asyncio, PostgreSQL, SQLAlchemy, TypeScript, React, GraphQL, Azure, Kubernetes, Docker.

Mobile application for crypto-currency wallet

Project Description:	Multi-chain wallet designed to provide non-custodial staking solutions for cryptocurrency. The solution offers multi-chain support and the easiest staking flow, allowing users to send, receive, stake, delegate cryptocurrency and access the world of decentralized finance.
Domains:	Cryptocurrency
Involvement Duration:	1,5 year
Project Role:	Full Stack Developer, DevOps
Responsibilities:	- Improving system architecture; - Implementing new features;

- Integrations with new blockchain networks;
- Refactoring existing back-end code;
- API integrations;
- Application deployment;
- Implementing AWS infrastructure;
- Fix bugs;
- Unit testing;
- Code review.

Project Team Size: 10-12 team members

Tools & Technologies: Node.js, Express, Fastify, TypeScript, PostgreSQL, AWS ECS, AWS EC2, AWS RDS, AWS SDK, AWS DynamoDB, AWS ElastiCache Redis, Terraform, Docker, CosmJS.

Web application for airline insurance

Project Description: The app, crafted meticulously from scratch to its MVP stage, this website empowers users to secure pre-travel insurance coverage against lost luggage, flight delays, and cancellations. Through modern development practices, it offers a seamless interface, simplifying insurance purchases and addressing travel uncertainties. Its ambitious multi-layered approach encompasses frontend, backend, and payment integration, promising a transformative user experience and redefining travel insurance.

Domains: Insurance

Involvement Duration: 0,5 year

Project Role: Full Stack Developer

Responsibilities:
- Preparing technical specification;
- Front-End development;
- Back-End development;
- DB structure optimization;
- Integration with 3rd party APIs;
- Unit testing;
- UI/UX improvements.
- Code review.

Project Team Size: 3-5 team members

Tools & Technologies: Python 3.9, Fast API, Elasticsearch, Heroku, AWS S3, Redis, Stripe API, SendGrid, Flightstats API, Twilio, boto3, VueJS, Unittest, Docker.

Web application for logistics in Salesforce

Project Description: The company provides clients with logistics for the Salesforce platform.

Domains: Salesforce

Involvement Duration: 1 year

Project Role: Back End Python Developer

Responsibilities:
- Improving system architecture;
- Developing and maintaining standardized shipping carrier API and admin panel;
- Adding new integrations;
- Bug fixing;
- Code development;
- Code Refactoring;
- Unit testing.
- Code review.

Project Team Size: 5-7 team members

Tools & Technologies: Python 3.7, webapp2, alembic, pytest; PostgreSQL, Celery, Docker, Heroku, Postman, JSON, XML, SOAP/WSDL, Docker.

Certifications	Machine Learning Advanced Hillel IT school, Odesa	
	Python Advanced Hillel IT school, Odesa	
Education	Master's degree International Academy of Personnel Management, Kyiv Computer Science	
	Bachelor's degree International Academy of Personnel Management, Kyiv Computer Science	

Languages	**English**: Upper-Intermediate
	Ukrainian: Native
	Russian: Native