

Bogdan K.

Full Stack Developer

Summary of Qualifications

I am a full stack developer with 4 years of experience, and I know well all SDLC steps processing – I can develop a back-end part and deploy the project. 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 (FastAPI, Django, DRF frameworks), React, TypeScript, Docker and AWS.

My most outstanding qualities are good communication skills, hard-worker, clarity and accuracy in work, and willingness to always achieve the desired result for the customer. I quickly learn new tools and technologies and my mind is always open.

Skills

Programming Languages/Technologies

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

RDBMS

- MS SQL Server
- MySQL
- PostgreSQL
- SQLite

NoSQL

- Elasticsearch
- Redis

Virtualization Tools

- Docker
- Docker Compose

Methodologies

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

Operating Systems

- Microsoft Windows
- Debian/Ubuntu/LinuxMint

CI/CD

- GitHub CI/CD
- GitHub Actions

Frameworks/Libraries

- Django
- Django Rest Framework(DRF)
- Django Haystack
- Graphene Django
- DRF Spectacular
- Django Grappelli
- Django Ninja
- FastAPI
- React
- Axios
- Redux
- Numpy/Pandas
- Alembic
- SQLAlchemy
- bs4
- boto3
- AIOHTTP
- Celery
- main Python libraries

Application/Web Servers

- WebSockets

Cloud Providers

- AWS
- Heroku
- Ngrok

Development Tools

- PyCharm
- WebStorm

Testing Tools/Libraries

- Postman
- PyTest
- Unittest, Mock

Versions Control

- Git
- GitHub
- GitLab
- BitBucket

Experience

AI-Powered Service for Automated Medical Form Completion

Project Description: Development of an AI service for automatic completion of medical documents prior to a doctor's appointment. The system processes two types of documents: the patient's medical record and a standard pre-visit intake form. Using advanced natural language processing (NLP) models, the service analyzes the questions in the form and retrieves relevant answers from the medical record.

Domains: Healthcare | AI & ML

Involvement Duration: 1 year

Project Role: Python Back-End Developer | DevOps Engineer

Responsibilities:

- Back-end development;
- Integrated AI-service into a microservice architecture;
- Implemented document management features, including uploading, parsing, editing, and exporting various file types (e.g., .docx, .pdf) to support flexible workflows;
- Designed and optimized AI prompts for NLP models to extract structured answers from unstructured medical records;
- Actively applied design patterns (Factory, Strategy, etc.) to ensure clean architecture and maintainability in a codebase with numerous structurally similar classes;
- Optimized Docker containers for faster startup and reduced image size;
- Set up centralized logging and monitoring with Prometheus and Grafana;
- Contributed to CI/CD automation and deployment pipelines using GitLab CI and Docker;
- Unit testing.

Project Team Size: 2-3 team members

Tools & Technologies: Python, Django, LangGraph, PostgreSQL, Jenkins, AWS, Docker, Nginx, CI/CD, Grafana, Prometheus.

Business Automation Company

Project Description: A SaaS solution that offers features related to task-tracking, budgeting, sending notifications, etc. It is used by companies who want to automate some parts of their business.

Domains: Business Automation

Involvement Duration: 1.5 years

Project Role: Python Back-End Developer

Responsibilities:

- Preparing technical specifications;
- Solution architecture;
- Code development/Code review;
- 3rd Party API integrations;
- Task planning;
- Containers optimization;
- Unit testing.

Project Team Size: 7-10 team members

Tools & Technologies: Python, Django Ninja, PostgreSQL, Docker, Docker Compose, RabbitMQ.

Multiple Projects in Outsource Company

Project Description: An outsourcing company providing services to various government and commercial customers. Examples of work - the state platform for employment in the country, a catalog of professions with a description of the requirements and conditions.

Domains: Government

Involvement Duration: 1.5 years

Project Role: Python Full Stack Developer

Responsibilities:

- Code development;
- Upgrading existing codebase to latest Django version;

Project Team Size:	6-7 team members
Tools & Technologies:	Python, Django, DRF, PostgreSQL, Django Haystack, React, Axios, Redux, ElasticSearch, GraphQL, Graphene Django, Django Grappelli, Django S3direct, AWS (S3, ECR, ECS, EC2), Celery, Docker, Docker Compose.

Certifications	Python Advanced EPAM University, Kyiv	
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Education	Bachelor's degree National Aviation University Computer Software Engineering
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Languages	English: Upper-Intermediate Ukrainian: Native Russian: Native
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