

Dmitriy Sh.

Middle Full Stack Developer

SUMMARY

- 3.5 years of full-stack development experience specializing in Python (FastAPI, Django, DRF, Flask) and React.js with TypeScript for frontend.
- Proficient in asynchronous programming, OOP principles, unit testing, CI/CD pipelines (GitHub Actions), and Agile methodologies (Scrum, Kanban).
- Developed AI-integrated web applications in legal and healthcare domains, handling complex file processing and AI-driven features.
- Skilled in RDBMS (PostgreSQL, MySQL), NoSQL (Redis, Firestore), Docker, cloud platforms (AWS, GCP), and technical documentation.
- Experienced in SDLC from architecture to deployment, code reviews, refactoring, and collaborative team environments.

TECHNICAL SKILLS

Main Technical Skills	Python (3 yr.), React (2 yr.), TypeScript (2 yr.), PostgreSQL (3 yr.), n8n
Programming Languages	JavaScript, Python (3 yr.), TypeScript (2 yr.)
Python Libraries and Tools	AsyncIO, BS4, pytest
AI & Machine Learning	Azure Cognitive Search (1 yr.), n8n, OpenAI, PandasAI
Python Frameworks	Django REST framework (2 yr.), FastAPI (1 yr.), Flask
JavaScript Libraries and Tools	mui
JavaScript Frameworks	React (2 yr.)
Data Analysis and Visualization Technologies	PandasAI
Databases & Management Systems / ORM	AWS ElasticSearch (1 yr.), FireStore (1 yr.), MySQL, PostgreSQL (3 yr.), Redis (1 yr.), SQL, SQLAlchemy, SQLite
UI Frameworks, Libraries, and Browsers	HTML/CSS Preprocessors, SCSS (1 yr.)
Cloud Platforms, Services & Computing	AWS (1 yr.), GCP (1 yr.)
Amazon Web Services	AWS ElasticSearch (1 yr.)
Azure Cloud Services	Azure Cognitive Search (1 yr.)



Methodologies, Paradigms and Patterns	Agile, FDD, Kanban, OOP, Scrum, TDD
Message/Queue/Task Brokers	Celery (1 yr.)
Virtualization, Containers and Orchestration	Docker (2 yr.), Docker Compose (1 yr.)
SDK / API and Integrations	FastAPI (1 yr.), GraphQL (1 yr.), Stripe (1 yr.)
Version Control	Git, Github Actions
Deployment, CI/CD & Administration	GitLab CI, SALT (1 yr.)
QA, Test Automation, Security	Postman, pytest, Unit Testing
Logging and Monitoring	Sentry (1 yr.)

WORK EXPERIENCE

Full-Stack Developer (Web application for lawyers with AI integration)

Duration: 1.5 years

Summary: Development of a service for lawyers and ordinary users to generate demand letters based on user data with AI chat integration, enhancing legal service efficiency through artificial intelligence.

Responsibilities:

- Back-End Development
- Front-End Development
- Creation of a service for working with various types of files (audio, docx, pdf, images, etc.) and the possibility of editing them on the site
- Creation of a functionality that turned audio into text
- Integration with AI for creation demand data and lifetime chat

Technologies: Django, ReactTS, Docker, Celery, Celery Beat, Celery Flower, Sentry, Stripe, PostgreSQL, SCSS, AWS, Apryse, AWS Transcribe, SpeechRecognition

Full-Stack Developer (Web application for medicine with AI integration)

Duration: 1 year

Summary: Development of an advanced medical service for healthcare professionals and patients leveraging AI-driven slide analysis to assist in diagnosing medical conditions with high accuracy by processing medical slides and providing preliminary diagnoses.

Responsibilities:

- Back-End Development
- Front-End Development
- Creation of a service for working with various types of medical files (DICOM, images, PDFs, reports, etc.) and the possibility of analyzing and editing them on the site
- Creation of a functionality that converts medical dictations into text for easier documentation
- Integration with AI for creation demand data and lifetime chat



Technologies: FastAPI, React, Redis, Firestore, PostgreSQL, GCP, Docker, Docker Compose

Back End Developer (Website for fire protection and suppression system provider)

Duration: 1 year

Summary: Development and maintenance of a website for a company specializing in fire protection and suppression systems, offering solutions such as sprinklers, deluge systems, water mist, and gas suppression technologies.

Responsibilities:

- Python Back-End Development
- Preparing technical specification
- Code development
- Fixing bugs
- Unit testing
- Code review

Technologies: Python, Django, DRF, DjangoORM, GraphQL, Graphene Django, PostgreSQL, boto3, Celery, Elasticsearch, Docker

EDUCATION

- **Poltava National Technical University**
Master's degree in Civil engineering
- **Poltava National Technical University**
Bachelor's degree in Civil engineering

CERTIFICATION

- **Python Course**
Epam Education

