Mikalai Naunyka
Senior Python Developer / Full-stack Developer

SUMMARY

- Over 11 years of experience in backend and full-stack development with expertise in Python (Django, Flask, FastAPI) and JavaScript frameworks (Angular, Vue.js, React).
- Proficient in designing scalable microservices and monolithic architectures, optimizing API performance (e.g., reducing heavy request times from minutes to under 1 second).
- Strong skills in DevOps and cloud infrastructure including AWS, Docker, Jenkins CI/CD, and infrastructure automation with Ansible.
- Hands-on experience with databases (PostgreSQL, MySQL, ClickHouse, Neo4j), caching, messaging systems (Kafka, Redis), and search technologies (Elasticsearch, Solr).
- Computer Science education with a Bachelor's degree in Automated Systems of Information Processing; led teams and delivered complex features improving system responsiveness and client satisfaction.

TECHNICAL SKILLS

Main Technical Skills	Python (9 yr.), Django REST framework (6 yr.), Flask (6 yr.), JavaScript (8 yr.), AngularJS (6 yr.)
Programming Languages	JavaScript (8 yr.), Python (9 yr.), TypeScript
JavaScript Frameworks	AngularJS (6 yr.), jQuery (6 yr.), React (1 yr.)
Python Frameworks	Django REST framework (6 yr.), FastAPI, Flask (6 yr.)
Python Libraries and Tools	pytest
PHP Frameworks	Zend (2 yr.)
Databases & Management Systems / ORM	AWS ElasticSearch, Clickhouse (1 yr.), MySQL, Neo4j (1 yr.), PostgreSQL (9 yr.), Redis (6 yr.), SQLAlchemy (5 yr.)
UI Frameworks, Libraries, and Browsers	Ajax (6 yr.), CSS (6 yr.), HTML5 (6 yr.), jQuery (6 yr.)
Cloud Platforms, Services & Computing	AWS (5 yr.)
Amazon Web Services	AWS ElasticSearch, AWS Security Groups (3 yr.)
Deployment, CI/CD & Administration	Ansible (5 yr.), Jenkins (5 yr.)
Web/App Servers, Middleware	Apache HTTP Server (3 yr.), gUnicorn (5 yr.), Nginx (3 yr.)
Platforms	Apache Solr (3 yr.), Quadient Automation (5 yr.)

Version Control	BitBucket, Git, Github Actions
Message/Queue/Task Brokers	Celery (3 yr.), Kafka (1 yr.)
Virtualization, Containers and Orchestration	Docker (5 yr.), Docker Compose (1 yr.), VMWare ESXi (3 yr.)
SDK / API and Integrations	FastAPI, RESTful API (9 yr.)
QA, Test Automation, Security	Locust, pytest, Unit Testing
Methodologies, Paradigms and Patterns	microservices (1 yr.)
Third Party Tools / IDEs / SDK / Services	Microsoft Visual Studio Code, PyCharm
BlockChain and Decentralized Software	Optimism (9 yr.)
Logging and Monitoring	Prometheus (2 yr.)
Operating Systems	Unix (3 yr.)
Other Technical Skills	caching strategies (5 yr.)

WORK EXPERIENCE

Senior Full-stack developer - CareSolace (Mental healthcare software)

Duration: April 2025– March 2026

Summary:

- Development of mental healthcare software aimed at providing support and resources for mental health management
- The project involves building scalable web applications to improve user access to mental health services

Responsibilities:

- Working as Full-stack Software Engineer using Django and React.
- Estimating and implementing new features.
- Collaborating closely with the product team to align development with business goals.

Technologies: Python, Django, React, PostgreSQL, Redis, Heroku

Senior Python developer - Makersite (Product Lifecycle Intelligence software)

Duration: January 2024– February 2025

Summary: Development of Product Lifecycle Intelligence software designed to provide insights and analytics throughout the product lifecycle to improve sustainability and efficiency.

Responsibilities:

- Designed and implemented new features in the software.
- Optimized system performance and database query efficiency.
- Developed caching strategies to enhance system responsiveness.

Technologies: Python, Flask, OrientDB, Redis, Ansible, JenkinsCI, AWS, Gunicorn

Senior Python developer, Tech Lead - InterLogic (Web application for search accommodation)

Duration: May 2021– December 2023

Summary: Development and maintenance of a web application for searching accommodation, focusing on performance, scalability, and usability improvements.

Responsibilities:

- Web application development using Python/Django and related technologies.
- Supporting server infrastructure including dedicated servers and VMware eSXI hypervisor.
- Setting up security features and CI systems.
- Code review and client communication for feature discussion and description.

Technologies: Python, Django, Celery, PostgreSQL, Solr, Prometheus, Redis, Ansible, JenkinsCI, VMware eSXI, Apache

Senior Python developer - ScienceSoft (NDA)

Duration: June 2020 – April 2021

Summary: Backend development of various services within a microservice infrastructure for an undisclosed client under NDA, focusing on scalable and reliable service architecture.

Responsibilities:

- Backend development of different microservices.
- Integration of services using Kafka and other messaging systems.

Technologies: Flask, SQLAlchemy, Neo4j, Docker, docker-compose, Kafka, Jenkins, PostgreSQL

Python developer, Team Lead - Itransition (Event management system, web tool to build websites)

Duration: May 2016 – May 2020

Summary: Development of an event management system and a web tool for building websites, providing configurable reporting and performance-optimized APIs.

Responsibilities:

- Backend and frontend feature development using Flask and Angular frameworks.
- Clarification of requirements and participation in estimation and sprint planning.
- Architecture design and task distribution among developers.

Technologies: Flask, SQLAlchemy, AngularJS, Angular, jQuery, AWS, Docker, Jenkins, Redis, Ansible

Python developer (Tool to build mobile applications for magazines, online-shops, etc. using pre-defined templates)

Duration: August 2014 – May 2016

Summary: Development of a tool for building mobile applications using pre-defined templates, targeting industries such as magazines and online shops to facilitate app creation.

Responsibilities:

- Backend and mobile feature development.
- Clarification of requirements with stakeholders.

Technologies: Django, PostgreSQL, jQuery, AngularJS, Ionic Framework (AngularJS + HTML5)

EDUCATION

- **Gomel State University**
  Bachelor degree, Faculty of Physics and Information Technologies, Department - Automated systems of information processing.
  2010 – 2015