

# 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

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



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

