Aleh Mikus

Python Developer

3+ years of experience

- ○ Proactive and experienced Python engineer
- ○ Extensive expertise in Python and Django framework
- ○ Experienced in creating RESTful API and infrastructure that represent and support business processes
- ○ Able to handle multiple tasks and meet deadlines

Core competencies

Python

Technical skills

Programming languages:	Python
Web technologies and Frameworks:	REST API, HTTP, HTML5, Django, DRF, AWS SAM, Flask, FastAPI
Tools:	Docker, Celery, RabbitMQ, AWS, Jenkins, pydentic, Azure, Postman, Splunk, pytest, unittest, NewRelic, Swagger, OpenAPI
Databases:	PostgreSQL, Django ORM, SQLAlchemy, Tortoise ORM, Alembic, Redis, aerich
OS platforms:	Linux, Mac OS, Windows
Web Servers:	Nginx, Gunicorn, API Gateway
Version control systems:	Git (Github/Bitbucket)
Project / Task Management Tools:	Jira, Confluence, Miro, Trello

Education

Belarusian State University (BSU)
Radiophysics and Computer Technologies

Recent and major projects

Project #1: FileHosting

Stack:	Python, Django, DRF, Celery, Pytest, RabbitMQ, PostgreSQL, Docker, Nginx, Gunicorn, Git, Linux, Digital Ocean, Trello, HTML, CSS, JavaScript, Vue.js
Role:	Backend development, Rest API development, unit testing, database design
Project description:	File hosting application that allow users to upload, store, manage and download files. To improve user experience, the application supports resumable upload for large files.
Achievements:	○ Developed maintainable and scalable backend application using Python/Django
	○ Developed a flexible system from scratch for resuming large file uploads
	○ Developed frontend application using Javascript/VueJS
	○ Was responsible for data and schema migrations
	○ Created and executed unit test cases
	○ Performed deploys to all environments

Project #2: Weight tracker

Stack:	Python, AWS Lambdas, API Gateway, AWS SAM, RDS (PostgreSQL), PgBouncer, Jenkins, Jira, OpenAPI, Bitbucket, unittest, Miro, AWS SNS, Celery, Redis, Splunk, Git
Role:	Backend Python Developer
Project description:	Part of weight-loss application. Service that helps users to track their weight/hydration and review overall progress with detailed statistics
Achievements:	○ Developed backend application using Python and AWS Lambdas
	○ Helped to design and build infrastructure from scratch
	○ Was responsible for schema design, data and schema migration
	○ Participated in CI/CD pipelines setup

Project #3: Habits of health (HOH)

Stack:	Python, Django, DRF, nginx, Docker, Celery, Redis, RDS (PostgreSQL), AWS EC2, AWS Elasticbeanstalk, AWS SNS, pytest, Bitbucket Pipelines, PgBouncer, NewRelic, Jira, Swagger, Git
Role:	Backend Python Developer
Project description:	Dr A's Habits of Health app is a health and well-being platform designed to facilitate and create daily consistent habit installation from every aspect of health. The application aims to develop an accessible, field-proven approach for reaching a healthy weight and unlocking the habits that make health vibrant and sustainable.
Achievements:	○ Developed backend application using Python/Django
	○ Helped to develop and maintain infrastructure
	○ Implemented badge system
	○ Optimized queries and architecture and improved API responsiveness doubly
	○ Participated in CI/CD pipelines improvement
	○ REST API development

Hobbies
Reading, Skating, Watching movies