

Mikhail Pr.

Middle Python Developer

Skills

- Python like native
- Django, DRF, FastAPI, Flask frameworks
- Analytical and CRM systems
- Practical usage of DRY and SOLID
- MVC architecture projecting
- Deep SQL knowledge
- RESTful APIs designing
- AWS knowledge
- CI/CD knowledge

Projects

- Backenster project
- CRM data migration project
- ChatBot

Education

Bachelor's degree in computer science

Language skills

English – B2 (Upper-Intermediate)

Professional Activity/Experience (Summary)

3.5+ years of experience in Python.

Technologies: Django, Django REST Framework, FastAPI, Flask, Celery, ElasticSearch, Sentry, boto3, OAuth2, Pandas, Numpy, JWT, Pytest, Swagger API, Google API, Zoom API, smtplib, email package, pipenv, boto3, flake8, Postman, requests, Selenium WebDriver, XML, JSON, CSV, YAML, AWS Cloud (S3, Lambda, API Gateway, SES, IAM), asyncio.

Databases: PostgreSQL, MySQL, Redis, DynamoDB, SQLite, Elasticsearch, MongoDB

Microservices Communication: RabbitMQ, Kafka

Data Mining: Selenium, bs4

Dev-ops: Docker, Docker Compose, AWS, Jenkins, Bash scripting, CI/CD.

Servers: Nginx, Gunicorn, Uvicorn

Version control system: Git, GitLab, Bitbucket, GitHub.

Professional Activity (Projects)

Period	From 10.2022	Till Now
Project Roles	Software Engineer	
Project	Backenster is a platform for remote management and advertising of all applications. The platform allows to manage applications by config with a set of customizable parameters (ex., show rating pop-up, show push notifications, ads, etc.). The platform is also used for managing users and mailouts.	
Responsibilities & Achievements	<ul style="list-style-type: none">• Back-end development• Creating and connecting a second database to the project to obtain analytical data for all users of all applications.• Storing and archiving highly critical data and backups on AWS S3• Create a web API with an HTTP endpoints for AWS Lambda function by using AWS API Gateway• Creating a service with user statistics• Implementing scheduled Celery tasks• Designing and implementation of REST API• Deploying application using Rancher• Storing and archiving critical data and backups on AWS S3• Writing and optimizing complex SQL queries for data analysis and reporting• Writing unit and integration tests• Mentoring and code review• Communication with the team• Bug fixing	
Environment	Python 3.x, Django, Django REST Framework, FastAPI, Pydantic, Numpy, Pandas, AWS (S3, Lambda, API Gateway, RDS), Docker, Docker Compose, GitLab, MySQL, DynamoDB, Celery, RabbitMQ, Kubernetes.	

Period	From 09.2021	To 09.2022
Project Roles	Software Engineer	
Project	A group of services linked with each other with the main purpose - collect and merge b2b and b2c clients data from CRM systems and applications in one table and send and transfer analytic events.	
Responsibilities & Achievements	<ul style="list-style-type: none"> • Designing microservices architecture • Development and support services for transferring data from one CRM system to another • Development and support services for processing, adding and combining data into a pivot table • Database design, working with third-party databases • Development and support service responsible for email newsletters, sending messages to Zoom chats • Development and support of a proxy server responsible for sending analytical events to analytical systems via GTM • Designing and implementing SQL database structures to support application requirements • Manage services on Rancher • Writing unit and integration tests • Mentoring and code review • Communication with the team • Bug fixing 	
Environment	Python 3.x, FastAPI, Flask, Pydantic, SQLAlchemy, Alembic, Kafka, Google API, Zoom API, smtplib, email package, Docker, Docker Compose, requests, MySQL, AWS S3, Rancher, Selenium, Pytest, GitLab.	

Period	From 06.2020	To 08.2021
Project Roles	Software Engineer	
Project	<p>Project is a chatbot with the main purpose to communicate with employees by sending questionnaires and notifications and managing employees personal data and their work activities types (ex., working, sick leave, day off, etc.). Also the system is responsible for sending reports to C- level managers.</p>	
Responsibilities & Achievements	<ul style="list-style-type: none"> • Back-end development (questionnaire functionality and notification functionality for users and company managers, etc.) • Creating models • Working with Django admin • Bug fixing • Analyzing SQL query performance using query execution plans and optimizing it • Writing tests • Interaction with the testing and development team 	
Environment	<p>Python 3.x, Django, Django REST Framework, Celery, Redis, Postgres, Docker, JWT, Google API, Nginx, Gunicorn, Bitbucket, Docker, Docker Compose.</p>	