

SERHII HORODNIUK

SENIOR BACKEND ENGINEER

ABOUT ME

Highly motivated and initiative stress-resistant backend developer with a strong analytic mind. Have a strong organizational and an excellent communication skills, both verbal and written.

EXPERIENCE

SENIOR BACKEND ENGINEER

nOps.io, USA | 2023-04 - Present

Supported and designed API using Django/DRF and FastAPI. A lot of work with AWS infrastructure and serverless approach. Worked on methods of cloud cost optimization. Delivered tasks from the idea stage to full E2E testing. Conducted demos of features to Sales and Customer Success teams.

SENIOR PYTHON DEVELOPER

LITSLINK, Kyiv | 2022-07 - Present

Participated in a several projects. Designed and developed microservice architecture using FastAPI and Faust/Kafka. Also worked with Django/DRF/Celery stack. Had mentoring experience in the company. Was participating in project estimation processes. Worked on outsourced and outstaffed projects, communicating directly with clients.

PYTHON DEVELOPER

SteelKiwi, Kyiv | 2021-08 - 2022-07

Designed and developed REST API V2 with optimized SQL queries, REST structure and new technologies. Wrote unit tests using pytest. Initiated the development of technical documentation for the description of the API and tests. Was responsible for the part of the project that worked with a third party service. I was engaged in building the database architecture and periodic tasks for data retrieval. Conducted research and developed a few mathematical algorithms using correlations, derivation of formulas and clustering methods. Supported current REST API version, third-party API integrations. Worked with AWS lambdas.

JUNIOR PYTHON DEVELOPER / DEVOPS

Intersog, Kyiv | 2019-09 - 2021-08

I worked on an internal CRM system based on Django/DRF. Designed and created several backend servers with database architecture like an authentication system. Also, I created and supported the backend for mobile applications and CMS systems using Aiohttp/Asyncio. For the last 4 months I worked as a Team Lead, fully managed the development process.

INTERN PYTHON DEVELOPER

Vetify, Kyiv | 2019-07 - 2019-09

Worked with some Machine Learning classifier algorithms using TensorFlow and scikit-learn. Designed backend using Flask.

SKILLS

Frameworks: Django/DRF, FastAPI, Aiohttp, SQLAlchemy, SQLModel, Peewee, TortoiseORM

Databases: PostgreSQL, MySQL, Redis, Druid, Cassandra, Mongo

Operating systems: MacOS, Linux Ubuntu

DevOps: Docker, docker-compose, Kubernetes, Helm, Lens/Rancher

Cloud: AWS (EC2, RDS, EKS, S3, API Gateway, Lambda, CloudFormation, EventBridge, StepFunction), DigitalOcean

Queue management/workers: Celery, Faust/Kafka, APScheduler, KubeMQ, AWS SQS

Testing: pytest, pytest-django, pytest-aiohttp

CI/CD: GitLab CI, GitHub Actions, Drone.io, Jenkins, TeamCity

Source control: Git

EDUCATION

2016 - 2022

Master of Data Science, Faculty of Applied Mathematics

Kyiv Polytechnic Institute, City

CONTACTS

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