

Stas D.

Senior Python Engineer

SUMMARY

- 5+ years of experience in Python Development - Knowledge and understanding of principles and methodologies of software design - Proficiency in Python development - Deep knowledge of Web development technologies - Good communication and analytical skills - Experience with scrapers, extracting data from sites, serializing and validating data - DevOps: Deploying app with docker, serverless application, AWS - Have experience mentoring - Excellent knowledge of common software engineering practices, like OO principles, modern design patterns, test driven development, continuous integration, and continuous deployment - Experience with payment systems integrations - Intermediate English

TECHNICAL SKILLS

Main Technical Skills	Python
Programming Languages	JavaScript, Python
Python Libraries and Tools	Alembic, Pandas, poetry
JavaScript Frameworks	Angular, React
.NET Platform	Azure
Python Frameworks	Django, FastAPI, Flask
Data Analysis and Visualization Technologies	AWS Athena, Pandas
Databases & Management Systems / ORM	AWS DynamoDB, MongoDB, MySQL, Oracle Database, PostgreSQL, Redis, SQL, SQLAlchemy, SQLite
UI Frameworks, Libraries, and Browsers	CSS, HTML
Cloud Platforms, Services & Computing	AWS, Azure, GCP
Amazon Web Services	AWS Athena, AWS Cognito, AWS DynamoDB, AWS EC2, AWS Glue, AWS IAM, AWS Lambda, AWS S3, AWS SNS, AWS SQS
Methodologies, Paradigms and Patterns	Agile, Kanban, Scrum, Waterfall
Message/Queue/Task Brokers	Celery, Kafka, RabbitMQ

Deployment, CI/CD & Administration	CI/CD, Jenkins
Virtualization, Containers and Orchestration	Docker, Docker Compose, Kubernetes, Terraform
SDK / API and Integrations	FastAPI, OAuth, RESTful API
Version Control	Git, SVN
Collaboration, Task & Issue Tracking	Jira, Redmine
Operating Systems	Linux, Windows
Third Party Tools / IDEs / SDK / Services	PyCharm, Sublime Text
QA, Test Automation, Security	Selenium Webdriver

EXPERIENCE

Python Developer

March 2017 - Present

PROJECTS

Back-end Developer, Tour operator

May 2022 – January 2023

Responsibilities:

- Working on one of the services
- Serverless architecture
- Integration with other services
- Deploy with terraform
- a lot of performance improvements

Technologies: FastAPI, AWS Lambda, ApiGateway, Kubernetes, Stepfunctions, DynamoDB, S3, Athena, Glue, SNS, SQS, IAM, KMS, Batch, Terraform, docker, docker-compose

Back-end Developer, Application for pushing ads into different adservers

Dec 2021- May 2022

Responsibilities:

- Working on couple of the services to push ads to external services
- Serverless architecture
- Integration with other services



- Integration with a lot of 3rd-party integrations (google ads, campaign manager, adform, sizmek, etc)
- Some services were written from scratch

Technologies: Django, DFR, Celery, Redis, Postgres, Kafka, S3, FastApi, SQLAlchemy, dependancy-injector, aio libs (aiokafka, aioredis, asyncpg), alembic, poetry, httpx, boto3, typer, traefic, docker, docker-compose

Senior Python developer/Mentoring juniors, Maintaining big monolith Django application that serves to multiple client applications

Feb 2021 - Dec 2021

Responsibilities:

- Developing REST API used by both web and mobile applications and internal administrative apps as well
- Integration with third party services (email, sms, payment and services related to business domain)
- Delivering new products as a result of arisen business needs
- Extensive customization of Django admin and also adding whole new modules written in React JS in frontend and communicates with REST API
- Implementing a new service for exporting large quantities of data from database
- Implementing notification service that delivers sms&email campaign messages and also push notification
- supervising juniors

Technologies: Django, Postgres, Celery, Sentry, Redis, S3, Google cloud services, docker, docker-compose, Bitbucket pipelines, React.js, JavaScript

Back-end Developer, Business consultation platform

Dec 2020 – Feb 2021

Responsibilities:

- Working on Mail & Payment services
- Serverless architecture
- Integration with other services
- Integration with payment gateways (Twise, Trolley, Payoneer), also mail integration (Sendgrid)
- Django-admin customization

Technologies: Django, DRF, Celery, redis, Postgres, smtp, faust, S3, docker, docker-compose, Kubernetes

Back-end Developer, API for google chrome extension to parse some data

Sep 2020 – Dec 2020

Responsibilities:

- Working on Mail & Payment services



- A lot of 3rd-party integrations (Linkedin, twitter, RapidApi, facebook, google-search, google-translator, mail-phone validator service etc)
- Parsing some data
- Performance improvements

Technologies: Flask, Sqlalchemy, redis, s3, rds, ec2, sns, Postgres, pandas, beautifulsoup, sendgrid, docker, docker-compose

Full Stack Developer

Mar 2020 – Sep 2020

Description: Project related to providing ability to users to buy or sell electricity according to their role (either buyer or seller). The information about electricity consumption and production is automatically gathered from the US state API via celery one time per month. Possible (due to geographical and consumption/production data) offers are viewed to users in order to be applied or denied.

Responsibilities:

- Building architecture
- bug fixing
- implementation of new functionality
- Create clean, efficient code based on requirements

Technologies: Python, Django, DRF, React.js, Celery, Redis, PostgreSQL, AWS EC2, AWS S3

Back-end Developer, Application for Postal Company

Dec 2019 – Mar 2020

Responsibilities:

- API for that application
- Service from scratch
- integration with other services and AWS services
- DB design
- Stage deploying, simple ci\cd

Technologies: Django, DRF, Celery, Lambda, EC2, ApiGateway, S3, RDS, docker, docker-compose

Back-end Developer, Application to push products to multiple marketplaces

May 2019 - Dec 2019

Responsibilities:

- Creation & Integration of API
- Service from scratch
- integration with Walmart & Shopify

Technologies: Sanic, SQLAlchemy, Postgres, MongoDB, RDS, Lambda, S3, ApiGateway, Kafka, Celery



Back-end Developer, Application which makes easier communication between services and Tableau

Feb 2018 - May 2019

Responsibilities:

- Communication between AWS services
- preparing CSV with all currencies and their exchange rates
- cron job for retrieving actual rates

Technologies: Python, CSV, Tableau, Lambda, API Gateway, S3, IAM, Glue, Athena, EventBridge

Back-end Developer, Stocks site parser by the USA region

Mar 2017 – Feb 2018

Responsibilities:

- parsing sites
- work with browser via selenium

Technologies: Flask, Beautifulsoup, Asyncio, Aiohttp, Selenium

EDUCATION

Master's degree in Computer Engineering, Kharkiv National University of Radioelectronics

2016 -2020

