Dmitriy K.
Senior Python Software Engineer

SUMMARY

- Experience in software development more than 9 years - Proficiency in Python development - Knowledge and understanding of principles and methodologies of software design - Deep knowledge of Web development technologies - Experienced developer with a desire to permanent self-development in the development field - Data engineering in database/ hadoop/ AWS environments - Solid experience in the development of different back-end and front-end solutions - Experience with scrapers, extracting data from sites, serializing and validating data - Strong computer science expertise and commercial experience in web services architecture and development - Experience with GIS and integration with Google Maps - Strong analytical skills, good knowledge of math, and a high level of responsibility - Prefer to research things as deeply as possible and come up with new solutions - Communicative, team player, self-motivated - Upper-Intermediate English.

TECHNICAL SKILLS

Main Technical Skills	Python
Programming Languages	JavaScript, PHP, Python
JavaScript Frameworks	Angular, Vue.js
PHP Frameworks	CodeIgniter, Laravel, Symfony
PHP Libraries and Tools	Composer
Python Frameworks	Django, Flask
JavaScript Libraries and Tools	NPM, Webpack
Python Libraries and Tools	Pandas
Data Analysis and Visualization Technologies	Apache Airflow, AWS Athena, Fivetran, Pandas
Databases & Management Systems / ORM	AWS DynamoDB, AWS Redshift, Memcached, MongoDB, MySQL, PostGIS, PostgreSQL, Redis, Snowflake, SQL, SQLAlchemy
Cloud Platforms, Services & Computing	AWS
Amazon Web Services	AWS Athena, AWS Boto3, AWS DynamoDB, AWS EC2, AWS ECR, AWS ElastiCache, AWS Kinesis, AWS RDS (Amazon Relational Database Service), AWS Redshift, AWS S3, AWS SQS

Message/Queue/Task Brokers	Celery, Kafka, RabbitMQ
Deployment, CI/CD & Administration	CI/CD, Helm
Virtualization, Containers and Orchestration	Docker, Kubernetes
Version Control	Git
SDK / API and Integrations	Google Maps API, OpenAPI, Swagger
Collaboration, Task & Issue Tracking	Jira
Methodologies, Paradigms and Patterns	Kanban, Scrum
Operating Systems	Linux, Windows
QA, Test Automation, Security	Selenium
Other Technical Skills	GIS, Helmfile

EXPERIENCE

Data Engineer, Back-end developer, Thrasio

February 2020 – June 2023

Description: Scraping system of products (products, reviews, comments, user's profiles) data from Amazon marketplaces

Responsibilities:

- Scraping data from Amazon marketplaces, Walmart,
- Development of bots for downloading data from seller dashboards (Amazon Seller Central, Walmart Seller Central, Shopify Dashboards)
- API crawlers to collect data from Rainforest API, Amazon Seller Partner API
- Building microservice platform for pipelines management
- Building pipelines for data transformation/ normalization/ de-duplication in terms of ETL/ELT processes
- filling a data warehouse (Redshift, Snowflake) for use by other services
- Conducting technical interviews for new hires.

Technologies: Python, Apache Airflow, boto3, aws wrangler, Selenium, SqlAlchemy, pandas, Django, Flask, Celery, AWS (ECR, RDS (PostgreSQL), S3, Redshift, Kinesis, SQS, ElastiCache), docker, docker-compose, k8s, helm, helmfile, Snowflake, Fivetran, dbt, DataDog, Opsgenie, REST API, GraphQL, Apache Parquet, Kafka

Back-end developer, LookupLeads

April 2019 – February 2020
Description: Content data scraping from Linkedin and similar websites.
Responsibilities:

- Content data scraping from Linkedin and similar websites.
- Data processing using Celery chords, chains
- Generating datasets with results and providing a download link for users
- Filling a data warehouse (based ElasticSearch) for use by other services
- Conducting technical interviews for new hires.

Technologies: Python, boto3, Selenium, Scrapy, pandas, Django, Celery, AWS (EC2, ECR, RDS (PostgreSQL), S3, SQS, ElastiCache, SES, ElasticSearch Service), docker, docker-compose, nginx, supervisors

Full-stack developer, Verus RR

September 2017 - March 2019

Description: Users' property accounting system

Responsibilities:

- Building of a system for loading and processing user data
- Building pipelines for data transformation/aggregation and saving reports on S3, sending emails to end users with a download link
- Conducting technical interviews for new hires.

Technologies: Python, Django, Django Rest Framework, Django Channels, Celery, Pandas, python-docx, AWS (EC2, RDS (PostgreSQL), S3, ElastiCache, SES), Vue.js, docker, docker-compose, nginx, Kafka

Full-stack developer, Daunert

March 2015 - August 2017

Description: Tracking system of customers` requests and the progress of their execution (current status, report, statistics, etc.).

Responsibilities:

- development of architecture;
- front-end development
- Database design
- Bug fixing
- Adding new functionality and modifying existing ones to adapt to new requirements
- Coaching less experienced team members
- Processing business requirements in the development of the project
- GIS integration for saving routes, all kinds of points (such as service stations, hotels, etc.)

• Integration Google Maps

Technologies: PHP, Laravel, Google SDK, AWS (EC2, RDS (MySQL), S3, ElastiCache, SES), Vue.js, docker, docker-compose, nginx, Google Maps, Postgis, GIS

Full-stack developer, Mevo

May 2013 – February 2015

Description: B2B system designed for distribution among sales managers. Main goals are: help sales managers to know better goods they sale, help brand owners to increase the amount of sales.

Responsibilities:

• development of architecture;
• front-end development
• Database design
• Bug fixing
• Adding new functionality and modifying existing ones to adapt to new requirements
• Coaching less experienced team members
• Processing business requirements in the development of the project

Technologies: PHP, Laravel, Ratchet, AWS (EC2, RDS (MySQL), S3, SES), Vue.js, Ionic + Angular (for moblie development), docker, docker-compose, nginx, MemCahced

EDUCATION

Master's degree in Computer Science and Technology, Zaporizhzhya National Technical University