

# 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

<b>Main Technical Skills</b>	Python
<b>Programming Languages</b>	JavaScript, PHP, Python
<b>JavaScript Frameworks</b>	Angular, Vue.js
<b>PHP Frameworks</b>	CodeIgniter, Laravel, Symfony
<b>PHP Libraries and Tools</b>	Composer
<b>Python Frameworks</b>	Django, Flask
<b>JavaScript Libraries and Tools</b>	NPM, Webpack
<b>Python Libraries and Tools</b>	Pandas
<b>Data Analysis and Visualization Technologies</b>	Apache Airflow, AWS Athena, Fivetran, Pandas
<b>Databases &amp; Management Systems / ORM</b>	AWS DynamoDB, AWS Redshift, Memcached, MongoDB, MySQL, PostGIS, PostgreSQL, Redis, Snowflake, SQL, SQLAlchemy
<b>Cloud Platforms, Services &amp; Computing</b>	AWS
<b>Amazon Web Services</b>	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

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

