

Hiring software engineer as easy as calling a taxi.

## Oleksandr H. Python Software Engineer

### SUMMARY

- Software Engineer with more than 6 years of commercial experience in software development
- Interested in cloud computing, software architecture design, and efficient algorithms
- Deep knowledge of Web development technologies
- Excellent knowledge of common software engineering practices, like OO principles, modern design patterns, test-driven development, continuous integration, and continuous deployment
- Extensive experience in building architecture and database optimization
- Extensive experience in mentoring specialists, making code review
- Dedicated and responsible team player
- Quick learner, team player, goal-oriented and responsible
- Upper-Intermediate English
- Available ASAP

### SKILLS

<b>Main Technical Skills</b>	Python
<b>Programming Languages</b>	Python
<b>Java Frameworks</b>	Apache Spark
<b>Scala Frameworks</b>	Apache Spark
<b>Python Frameworks</b>	Django, Flask
<b>Python Libraries and Tools</b>	Pandas
<b>Data Analysis and Visualization Technologies</b>	Apache Spark
<b>Databases &amp; Management Systems / ORM</b>	Apache Spark, AWS DynamoDB, Cosmos DB, MongoDB, MySQL, PostgreSQL
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, Azure, GCP
<b>Amazon Web Services</b>	AWS DynamoDB, AWS Lambda
<b>Azure Cloud Services</b>	Azure, Cosmos DB

<b>Methodologies, Paradigms and Patterns</b>	Agile, Kanban, Scrum
<b>SDK / API and Integrations</b>	Api Gateway, Google API, RESTful API
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Trello, Jira
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD, Kubernetes
<b>Virtualization, Containers and Orchestration</b>	Docker, Terraform
<b>Version Control</b>	Git
<b>Operating Systems</b>	Linux, macOS, Windows
<b>QA, Test Automation, Security</b>	Selenium Webdriver, Unit Testing
<b>Mail / Network Protocols / Data transfer</b>	WebSockets
<b>Other Technical Skills</b>	Dataframes

## PROJECTS

### Python Developer

2022 - October 2022

**Description:** Project based on the Data Pipelines from different sources to DataLake and AzureSQL.

#### Responsibilities:

- design components of the system and implement them
- Create CICD pipelines using Terraform
- Write unit and integration tests using Pytest
- Mentoring new developers
- Regularly conduct code reviews and pair programming with team members.

**Technologies:** Azure DF, Azure SQL, Azure Synapse Analytics, Pandas, Azure Databricks, Python, CI/CD, Terraform, Kubernetes



## Python Developer

February 2021 - January 2022

**Description:** The project is about ETL pipelines from excel files to NoSQL DB. Media upload mapped with models in DB

### Responsibilities:

- implementation of design for this application
- writing server layer: API Gateway + AWS Lambdas
- developed a MongoDB database with optimization query implementation.
- Developed geocoding algorithm design based on Google API Geocoding to fast and correct mapping address with coordinates as well.
- development process related to image and video uploading that have been stored on S3.
- Write unit and integration tests using Pytest
- Mentoring new developers
- Regularly conduct code reviews and pair programming with team members.

**Technologies:** AWS Lambda, MongoDB, Pandas, Dataframes, GoogleAPI, AWS Cloud

## Python Developer

May 2020 - January 2021

**Description:** The main goal of this web-based solution is to provide security checks of deployed infrastructure

### Responsibilities:

- implementation integration with third-party services
- implementing new features.
- development of end-to-end interaction with other services,
- creating a unified interface to get the simple and optimized workflow
- designed and was responsible for implementing unit tests cases

**Technologies:** AWS Lambda, DynamoDB, ApiGateway, Django



## **Python Developer**

January 2019 - April 2020

**Description:** MVP project-based web scrapping and Data Engineering pipelines.

### **Responsibilities:**

- develop & design Python scrapers for services,
- develop data ETL pipelines.

**Technologies:** Azure Virtual Machines, mongo DB, Python, Selenium, Firefox & gecko driver, ADF, Azure Synapse

## **Python Developer**

December 2017 - November 2018

**Description:** POC based on development OAuth 2 provider using Azure AD

### **Responsibilities:**

- develop a custom OAuth 2 provider with full authorization/authentication flow

**Technologies:** Python, Azure AD, Django, Flask

## **Python Developer**

January 2017 - December 2017

**Description:** The project is a huge corporate network with a lot of webs services for different purposes

### **Responsibilities:**

- design the back-end part of the application
- implementation of new features.
- led the development of the backend part and was responsible for the deployment strategy.
- This is in web services based on Django and Flask frameworks with authentication, roles, and message brokers.
- Deployment was on AWS EC2 with load balancers.
- As a part of developing such services was to implement shop websites, primarily on Django with different payment systems (centralized and decentralized).



**Technologies:** Python, Django, Flask, AWS, payment systems

## **EDUCATION**

**Kharkiv National University of Radio Electronics, Bachelor of computer engineering**

## **CERTIFICATES**

**Certified AWS Developer - Associate**

