

Andrii L.

Senior Senior Python Engineer

SUMMARY

- 10+ years of Python development experience across education, finance, compliance, and digital services.
- Python: experience with Django, Flask, Sanic, and Odoo, developing and maintaining backend services and applications.
- Built microservices, third-party integrations, and asynchronous task processing pipelines using Celery and Kafka.
- Worked with PostgreSQL, MongoDB, Redis, Cassandra, and other data storage technologies.
- Experience with AWS, Docker, Kubernetes, and CI/CD tools, including Jenkins.
- Skilled in software architecture, unit and integration testing, debugging, and performance optimization.

TECHNICAL SKILLS

Main Technical Skills	Python, Django, Flask, PostgreSQL
Programming Languages	C#, Java, PHP, Python
JavaScript Frameworks	AngularJS, Backbone.js, jQuery, React
Python Frameworks	Django, Flask
AI & Machine Learning	Flowise
Python Libraries and Tools	NLTK
PHP Frameworks	Yii
Data Analysis and Visualization Technologies	Kibana
Databases & Management Systems / ORM	AWS DynamoDB, Cassandra, Elasticsearch, ELK stack (Elasticsearch, Logstash, Kibana), MongoDB, MySQL, Neo4j, NoSQL, PostgreSQL, Redis, SQL, SQLite
UI Frameworks, Libraries, and Browsers	Ajax, CSS3, Fabric UI, HTML5, jQuery
Cloud Platforms, Services & Computing	AWS, Serverless
Amazon Web Services	AWS DynamoDB, AWS Lambda
Methodologies, Paradigms and Patterns	Agile, microservices, Scrum

Deployment, CI/CD & Administration	Ansible, CI/CD, Jenkins
SDK / API and Integrations	API, Facebook API
Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira
Version Control	BitBucket, Git, GitHub, GitLab, Mercurial, Stash
Message/Queue/Task Brokers	Celery, Kafka
Virtualization, Containers and Orchestration	Docker, Kubernetes, Terraform, Vagrant
Blockchain and Decentralized Software	KYC
Operating Systems	Linux
Logging and Monitoring	Logstash
Platforms	Odoo
File Systems, Storage	Protobuf
QA, Test Automation, Security	Unit Testing
Other Technical Skills	AML, Data Processing, Sanic

WORK EXPERIENCE

Senior Python Engineer, Beetroot

Mar. 2020 - present

Senior Python Engineer, School service

Mar. 2020 - Aug. 2021; Aug. 2022-present

Development of a school management system for managing students, schools, and other related data, including integrations with various external services to streamline educational administration.

- Developing and maintaining backend services using Python and Django.
- Implementing integrations with different services.
- Managing databases and ensuring data consistency.
- Using containerization and cloud services for deployment and scalability.

Python2/3, Django, Flask, Celery, PostgreSQL, MongoDB, DynamoDB, Redis, Git, Docker, AWS.

Senior Python Engineer, Insurance service

Aug. 2021 - Mar. 2022



Development of an insurance service platform to manage insurance processes and customer data efficiently, enhancing service delivery and operational workflows.

- Developing backend services using Python and Flask.
- Implementing asynchronous task queues with Celery.
- Maintaining PostgreSQL and Redis databases.
- Using Docker for containerization and Jenkins for CI/CD pipelines.

Python3, Flask, Celery, PostgreSQL, Redis, Git, Docker, Jenkins.

Senior Python Engineer, AWS products comparing service

Apr. 2021 - Aug. 2022

Development of a service for comparing AWS products to assist users in selecting appropriate cloud services based on features and pricing.

- Developing backend APIs using Python and Flask.
- Implementing caching and data storage with Redis and PostgreSQL.
- Utilizing AWS Lambda for serverless computing.
- Version control and collaboration using Git.

Python3, Flask, PostgreSQL, Redis, Git, AWS Lambda.

Senior Python Engineer, Arachnys (System with implementation of KYC, AML, EDD and other processes)

Feb. 2019 - Feb. 2020

Development and integration of a compliance system implementing Know Your Customer (KYC), Anti-Money Laundering (AML), Enhanced Due Diligence (EDD), and other regulatory processes to support financial institutions.

- Developing new system features and integrating with existing services.
- Writing unit and integration tests.
- Bug fixing and performance optimization.
- Managing deployments using Kubernetes and Docker.

Python3, Django, Celery, Flask, Protobuf, Viewflow, PostgreSQL, ELK, Redis, Git, Fabricator, Kubernetes, Docker.

Python Engineer, SoftServe (Data processing microservices web-application)

Jun. 2018 - Feb. 2019

Development of microservices for data processing, focusing on scalability and integration with various data sources and services.

- Developing microservices using Python, Flask, and Sanic.
- Implementing messaging with Kafka.
- Managing databases and caching layers.
- Using containerization and automation tools for deployment.

Python, Flask, Sanic, Kafka, PostgreSQL, Vagrant, Docker, Ansible, Redis, Cassandra, Stash, Jira, Confluence.



Python Engineer, KIT-XII/Kitway (Automation of business processes using Odoo)

Aug. 2016 - Jun. 2018

Automation of business processes through customization and development within the Odoo CRM/ERP system to improve operational efficiency.

- Developing new system features and modules in Odoo.
- Writing unit tests and fixing bugs.
- Managing deployments and infrastructure automation.

Python, Odoo, PostgreSQL, Celery, Git, Jira, Gitlab, Redis.

Full-stack Python Engineer, ITCG Full-Service Digital Agency (Multiple web projects including Chivas Facebook tab, Glutenoff, IPiluli, Samsung VIP service, Ukrtelecom, Samsung Academy, Make my day)

Mar. 2015 - Jul. 2016

Development and support of various web applications and digital services for clients across different industries, focusing on full-stack development.

- Developing backend and frontend components.
- Supporting and improving existing applications.
- Collaborating with cross-functional teams to deliver projects.

Python, Django, AngularJS, PostgreSQL, Celery, PHP, Yii2, jQuery, MySQL, Git, Bitbucket

Engineer, 1D20

Sep. 2013 - Oct. 2014

Project involving architecture design, database design, and development of new functionalities and bug fixes.

- Designing system architecture and databases.
- Developing new features and fixing bugs.

Python, Django, PostgreSQL, MySQL, MongoDB, Neo4j, Redis, Docker, JIRA, Git, Github.

EDUCATION

- **National Technical University of Ukraine "Kyiv Polytechnic Institute"**
Applied Mathematics Department, Master of software engineering
2011 - 2017

