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# Yuri L.

## Senior Python Engineer for Data Spaces

### SUMMARY

Software Engineer with a comprehensive Computer Science education and 9 years of experience in Fin-tech, E-Commerce, and Investment domains. Technical proficiencies include Python, JavaScript, TypeScript, and Go, with notable expertise in backend frameworks like Django and Flask, and data engineering tools such as Apache Spark and Airflow. Experienced in cloud environments, particularly Azure and AWS, providing scalable data processing solutions. Strong DevOps skill set with Docker, Kubernetes, and CI/CD implementation ensuring robust deployments. Proven track record in projects that demand seamless backend development, efficient data pipeline construction, and cloud infrastructure automation.

### SKILLS

<b>Main Technical Skills</b>	Python, JavaScript, TypeScript, Go, Django REST framework
<b>Python Frameworks and Libraries</b>	Alembic, Flask, Pydantic, PySpark, PyTest
<b>JavaScript Frameworks and Libraries</b>	Formik, Nuxt, Pinia, Redux-Saga, Vue.js, Vuex, Webpack, yup
<b>Go Frameworks and Libraries</b>	Gin
<b>UI Frameworks, Libraries, and Browsers</b>	HTML/CSS Preprocessors
<b>Data Analysis and Visualization Technologies</b>	Apache Airflow, Apache Nifi
<b>Databases &amp; Management Systems / ORM</b>	AWS DynamoDB, AWS ElasticSearch, MongoDB, MySQL, Redis
<b>Amazon Web Services</b>	AWS DynamoDB, AWS ElasticSearch
<b>Azure Cloud Services</b>	Azure Service Bus
<b>Deployment, CI/CD &amp; Administration</b>	Axios, GitLab CI, Helm, Jenkins
<b>Scripting and Command Line Interfaces</b>	Bash

<b>Version Control</b>	BitBucket, Github Actions
<b>Logging and Monitoring</b>	Datadog, Prometheus
<b>Web/App Servers, Middleware</b>	Nginx
<b>QA, Test Automation, Security</b>	PyTest
<b>SDK / API and Integrations</b>	Swagger
<b>iOS Libraries and Tools</b>	Viper
<b>Other Technical Skills</b>	Dynatrace, Marshmallow, Openai

## WORK EXPERIENCE

### Software Engineer / Data Engineer, DRIVE REWARDS PLATFORM

**Duration:** 07.2022 - till now

**Summary:** The IoT platform collects and analyzes trip data, providing personalized recommendations and rewards based on driving behaviors.

**Responsibilities:** Designing the microservices structure, maintaining ETL processes, designing CI/CD pipelines, backend development, performance tuning, deploying ML models, setting up serverless workflows, building scalable data pipelines, and following TDD principles.

**Technologies:** Python, Go, Gin, Viper, GinkGo, Gomega, FastAPI, SQLAlchemy, Pydantic, Alembic, Apache Spark, PySpark, Apache Nifi, Pytest, Azure, PostgreSQL, MongoDB, Redis, Celery, Kafka, Docker, Docker Compose, GitLab, Datadog, Bash, Terraform, Kubernetes(k8s), Helm

### Software Engineer / Data Engineer, IN-GAME COMMERCE

**Duration:** 06.2020 - 07.2022

**Summary:** A pioneering platform, gComm, allows gamers to purchase physical products directly within mobile games, establishing a new market category: In-Game Commerce.

**Responsibilities:** Close customer communication, scalable data architecture design, serverless application design, developing real-time data processing pipelines, full-stack development, orchestration of ELT/ETL data pipelines, AWS Lambda functions setup, monitoring and logging, integrating AWS Kinesis with services, Kubernetes load balancing, CI/CD job configuration, and following test-driven development principles.

**Technologies:** Python, JavaScript, TypeScript, FastAPI, SQLAlchemy, Alembic, Pydantic, Celery, Pytest, Apache Spark, PySpark, Apache Airflow, OpenAI, Vue.js, Vuex, Nuxt.js, HTML/CSS, Pinia, Webpack, Axios, AWS, Kafka, GitLab, GitLab CI, Redis, PostgreSQL, Elasticsearch, Docker, Docker Compose, Terraform, Kubernetes(k8s), Dynatrace, Bash

### Software Engineer, INVESTMENT ANALYTICS PLATFORM

**Duration:** 03.2018 - 06.2020

**Summary:** The Investment Analytics Platform turns climate factors into strategic advantages for investors, enabling them to assess climate-related market risks and engagements.



**Responsibilities:** Backend development, serverless architecture implementation, ML algorithm integration, VM instance management, global distribution configuration within Cosmos DB, PostgreSQL performance optimization, API documentation creation, custom alerting rules for monitoring, CI/CD process configuration, and technical documentation.

**Technologies:** Python, JavaScript, TypeScript, Django, Django Rest Framework, Flask, Flask-RESTPlus, SQLAlchemy, Celery, Alembic, Marshmallow, Swagger, Pytest, React, React Testing Library, Redux, Axios, MUI, Formik, Yup, HTML/CSS, Webpack, Azure, PostgreSQL, MongoDB, Docker, Docker Compose, Jenkins, Bitbucket, Nginx, Prometheus, Grafana, Terraform, Bash

### **Software Engineer, LOAN APPLICATIONS BUILDER**

**Duration:** 05.2016 - 03.2018

**Summary:** A specialized platform for creating and managing loan applications, facilitating communication between users, intermediaries, and banks.

**Responsibilities:** Backend development, serverless architecture, technical and API documentation, containerized application management, third-party service integration, AWS S3 configuration, AWS EC2 instance scaling, SQL server performance monitoring, SQL query performance management, and automated testing.

**Technologies:** Python, Django, Django Rest Framework, Pytest, AWS, MySQL, Celery, Nginx, GitHub, GitHub Actions, Docker, Docker Compose, Bash

## **EDUCATION**

- **Computer Science and Software Engineering**

