

**Mykola Pavlenko**

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## **Skills**

**Python:** aiohttp, flask, drf, fastapi, multiprocessing, celery, asyncio, sockets (non-blocking), PyQt5, OpenCV, pywin32, ctypes, python.net, selenium, pytest.

**Node.js:** express.js, nestjs.

**Front-End:** reactjs, jquery, CSS3, HTML5, TypeScript.

**DB:** postgresql, sqlite3, mysql, mongodb, rocksdb, redis, rabbitmq, kafka.

**AWS:** SQS, SNS, Lambda, CloudFormation, SSM, Security Manager, VPC, EFS, EC2, CDK, IAM, DynamoDB, AmazonMQ.

**Mobile:** react-native.

## **Work Experience**

### **Galeria.de**

2021 December – Now

**Position:** Python Developer

Worked on serverless data-lake integration application for synchronization products data from retailers and vendors APIs.

**Responsibilities:** maintain integrations for specific APIs, improve performance and workflow, research and implement integration with different AWS services.

### **Helios Surveillance**

2019 December – 2021 December

**Position:** Python/React Developer

Worked on CCTV system for company's client. This included video-streaming, objectsdetection in video frames, events aggregation and dashboard incidents.

**Responsibilities:** Architect design, development and support of the whole product lifecycle, scraping and data aggregation for analytics solutions.

**Stack:** python, PyQt5, OpenCV, tesseract, aiohttp, postgresql (with stored procedures onplpgsql and clang), redis, kafka, elasticsearch, nodejs, reactjs, c++ (for performance optimization).

## **Samsung Ukraine**

2017 May - 2019 December

**Position:** Python/React WEB developer

Participate in development document workflow system for internal needs. This included a high-configurable scalable application for legal documentation.

**Responsibilities:** Development and product support.

**Stack:** aiohttp, celery, taskflow, postgresql, rabbitmq, react.

## **Delta SPE**

2012 September - 2017 May

**Position:** junior python developer

Specializes in satellite audio and data surveillance. Developed, analyzed, implemented algorithms using software and hardware platforms.

**Stack:** django, celery, postgres, numpy.

## **Education**

Kyiv Polytechnic Institute, Radio engineer 2012 – master's degree

2015 – postgraduate degree

