

Python Developer

ABOUT

Software engineer with 5 years of experience. Mainly experienced in using Python, Cython, and C ++. Worked in such areas as embedded, web development, cybersecurity, digital sound processing, data analysis, and blockchain.

EXPERIENCE

- Track record of delivering high-quality and scalable code.
- Proficient in developing web applications using Python frameworks like Django or Flask.
- Experienced in integrating and working with various databases, such as MySQL, PostgreSQL, or MongoDB.

TECH STACK

- Python
- Django
- PostgreSQL
- Docker
- Cython
- Numpy
- Pandas
- Flask
- Azure

EMPLOYMENT HISTORY

Python Developer, Comscore

November 2022 - Present

Comscore is a trusted currency for planning, transacting, and evaluating media across platforms. As a Python developer, I am involved in the following: creating REST API for media metrics using Django and Django REST Framework, working with Apache Druid to aggregate data and calculate necessary metrics, create Apache Airflow pipelines to transform and upload data.

Python Developer, Huennemeyer

February 2022 - Present

Hunnemeyer creates a smart heating system. I am the main software engineer responsible for developing software for Raspberry Pi 4. The application involves: gathering temperature data from thermostats, temperature sensors, and thermal Cameras, actuating heating panels, controlling power consumption levels. running REST API in Flask to enable connection with mobile devices and web browsers.

Blockchain Developer, IMapp sp. z o.o

April 2022 - October 2022

I was involved in creating ERC721 extensions which added a Conditional Ownership, which allowed securely rent, lend and use the token as a mortgage. Worked on metaverse game. My main task was preparing ERC721 tokens representing creatures that the user owned. The contracts were deployed on the Polygon blockchain. The main technologies which I used for developing were Solidity and hardhat, and for testing Typescript with Mocha

Python Developer, Cyberus Labs

January 2019 - April 2022

I was responsible for Web development, Audio processing, Lightweight Encryption encryption protocol and implementing Lightweight Encryption at clients.

Python Developer, IT Soft

August 2018 - December 2018

IT Soft handles the entrance to cultural and sports facilities. My main task was to create an unmanned device for collecting pool straps. In a short time, I was able to reduce the sensor books by 90% and solved the main problem of blocking the swimming pool straps. The main technologies I used were Python, Linux, Raspberry Pi.

EDUCATION

Bachelor of Engineering, AGH University of Science and Technology

October 2011 - June 2016

Specialized in Acoustic Engineering, focusing on vibrations and noise analysis in both technical systems and environmental settings.

