

Szymon Jasiński

Backend Engineer / Python Developer

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PROFILE

Backend engineer with 17 years of experience spanning Linux infrastructure, cloud platforms and Python development. Currently designing scalable backend services using FastAPI, GraphQL (Ariadne), PostgreSQL and SQLAlchemy. Combining a strong infrastructure background with modern backend engineering to build reliable distributed systems.

CORE TECHNOLOGIES

Backend

Python · FastAPI · Django · GraphQL (Ariadne)

Platform

Docker · Kubernetes · Linux · Git

Data

PostgreSQL · SQLAlchemy · Alembic · pytest

Cloud

OpenStack · Apache Airflow · AWS · GCP

EXPERIENCE

exmox GmbH

Apr 2026 - Present

Backend Engineer / Python Developer

Developing Python microservices for fraud detection and account linking.

- Designing and implementing backend services with FastAPI
- Developing GraphQL APIs with Ariadne
- Designing PostgreSQL data models and SQLAlchemy persistence layers
- Creating Alembic migrations and writing unit and integration tests with pytest
- Contributing to architecture and service reliability

Python · FastAPI · Ariadne · PostgreSQL · SQLAlchemy · Alembic · pytest · Docker · Kubernetes

Rackspace Technology

Jan 2024 - Apr 2026

Senior Systems Engineer / Senior Python Developer

Developed automation for an enterprise multi-region, multi-tenant private cloud platform.

- Python integrations with VMware, OpenStack, BlueCat and Palo Alto Panorama
- Airflow workflows powering a Cloud Management Platform
- CloudBolt plugin development and custom Airflow Docker images
- Design of private-cloud automation solutions

Python · Airflow · Docker · OpenStack · VMware · CloudBolt

Mirumee

Aug 2022 - Dec 2023

Software Engineer / Senior Python Developer

Developed backend services and GraphQL APIs for enterprise e-commerce solutions.

- Python microservices using FastAPI, Pydantic and Poetry
- Client-facing and service GraphQL APIs
- AWS deployments and testing with Postman, GraphiQL and Playwright

Python · FastAPI · GraphQL · AWS · Playwright

Allegro

Apr 2018 - Jul 2022

Software Engineer

Developed and maintained internal engineering platforms.

- Development and maintenance of Ralph CMDB using Django
- Development of a microservices management application
- Programming in Python, Django, Kotlin, Java and Vue.js
- CI/CD and Google Cloud Platform

Python · Django · Kotlin · Java · Vue.js · GCP

Allegro

May 2013 - Mar 2018

Systems Administrator / Systems Engineer

Supported large-scale e-commerce infrastructure in physical and cloud environments.

- Ubuntu and CentOS administration
- Automation with Puppet
- Network administration with F5, Juniper and Cisco
- Infrastructure projects and production incident resolution

Linux · Puppet · F5 · Juniper · Cisco

GSK Services

May 2011 - May 2013

IT Specialist - Unix / Linux Administrator

Supported Unix and Linux systems hosted in major UK and US data centres.

- RHEL, Solaris, AIX and HP-UX administration
- LVM, AIX and Veritas Volume Manager storage management
- Incident resolution and junior engineer training in an ITIL environment

Linux · Solaris · AIX · HP-UX · Veritas

Allegro Group

Aug 2009 - Apr 2011

Network Operations Centre Specialist

Monitored production infrastructure across two data centres.

- Nagios, Cacti and Splunk configuration
- Monitoring automation with Perl and Shell
- Incident and technical-maintenance coordination

Linux · Nagios · Cacti · Splunk · Perl · Shell

EARLIER EXPERIENCE

IT Associate Lecturer, Southampton City College, Apr 2008 - Jul 2009 (part time)

Evening IT courses and CompTIA A+ lectures and labs.

Work experience in the UK, 2005 - 2009.

EDUCATION AND CERTIFICATIONS

OpenStack Fundamentals · Architecting on AWS · IBM AIX Administration · RHCE · CCNA · CompTIA Linux+ · CompTIA Network+ · CompTIA A+ · Cambridge CPE (Grade A) · MA in Music, University of Music in Poznań

LANGUAGES AND INTERESTS

English - near native / CPE certified (Grade A) · Italian - basic · Arabic - basic

Unicycling · Playing the clarinet