

Contact

www.linkedin.com/in/jakub-szymanski-engineer/ (LinkedIn)

Top Skills

Python
SQL
Azure

Jakub Szymański

Python Developer
Warsaw, Mazowieckie, Poland

Summary

Experienced Python Developer with 4+ years of experience in designing, building, and deploying scalable web applications and backend solutions. Proficient in leveraging frameworks like Django/FastAPI to create efficient and reliable APIs. Skilled in cloud infrastructure, including Azure and AWS, with hands-on experience deploying services using Kubernetes and Docker. Always smiling and eager to learn new technologies. In free time – trumpet player.

Experience

Deloitte

Python Developer

May 2023 - Present (2 years 7 months)

Warszawa, Woj. Mazowieckie, Polska

- Designed and developed efficient backend applications from scratch using Python (Django and DRF), ensuring scalability and reliability.
- Architected and deployed applications using Azure services, including AKS, Virtual Machines, Database Servers, Container Registry, Container Apps, Web Apps, Storage and other Azure solutions.
- Managed containerized services deployment on Kubernetes, ensuring seamless orchestration and high availability.
- Configured and managed CI/CD pipelines using Bitbucket Pipelines, GitHub Actions, and Azure DevOps, streamlining development workflows and ensuring seamless deployments.
- Conducted code reviews and mentored junior developers, fostering skill development and maintaining high coding standards.

Future Mind

Python Developer

June 2021 - February 2023 (1 year 9 months)

Warszawa, Woj. Mazowieckie, Polska

- Managed the full development lifecycle of REST APIs, including analysis, design, implementation, planning, and maintenance, using Django and FastAPI to deliver robust and scalable solutions.

- Developed and optimized complex SQL queries, incorporating techniques like indexing and caching strategies to improve database performance and query execution times.
- Debugged applications to optimize performance, ensuring low-latency and high availability, with proactive monitoring using Sentry, Grafana and Azure Monitor.
- Designed infrastructure and deployed applications leveraging Azure services.

Smrtlinks™

Python Django Developer

January 2020 - May 2021 (1 year 5 months)

- Developed robust and scalable backend applications using Python(Django).
- Optimized ORM database queries using Django tools such as prefetch_related and select_related, reducing database load and improving query performance.
- Deployed applications on AWS, utilizing services such as EC2, S3, RDS, ELB, CloudFront, IAM and many others, to ensure scalability, security, and efficient resource management.
- Configured continuous deployment pipelines using Ansible, ensuring seamless and efficient application delivery with minimal downtime.

Gallium

Junior Python developer

November 2019 - December 2019 (2 months)

Warszawa, Woj. Mazowieckie, Polska

- Designed and developed functional prototypes using Python - kivy-based GUI application.
- Configured software and developed projects on Raspberry Pi, leveraging its capabilities to create innovative and efficient solutions for embedded systems and IoT applications.
- Analyzed and reported findings, providing actionable insights to team members to drive project progress and improve outcomes.
- Assisted in creating comprehensive documentation, ensuring clarity and accessibility for ongoing development and future reference.

Education

Politechnika Warszawska

Inżynier (Inż.), Elektronika · (2018 - 2022)