Valentin Bonetbelche, Software Engineer

Hershey, PA +1 (717) 219-7058, contact@valbonetbelche.com

Links   Portfolio, Linkedin

Profile

Passionate and experienced Software Engineer with a solid foundation in designing and implementing scalable, high-performance systems. Expertise in Python, FastAPI, Django, Flask, PostgreSQL, Docker, and cloud infrastructure (Azure, AWS, DO, GCP). Proven ability to optimize backend processes, ensuring seamless integration between system components and delivering robust data management solutions. Adept at collaborating with cross-functional teams to translate business requirements into technical implementations. Strong focus on security, scalability, and efficiency to drive business growth.

Employment History

2025 - Current   **Senior DevSecOps Engineer / SRE, Amadeus**   Remote

• Built and automated cloud infrastructure on Azure powering 50%+ of global airline and airport operations.
• Developed internal tools and APIs using Python (Flask/FastAPI), Bash, Docker, and OpenShift.
• Secured and monitored high-traffic systems with CI/CD, Linux, and Collibra for data governance.

2023 - 2024   **Founder & Lead Engineer, AppAway - Exited**   Washingon, D.C.

• Launched and led a B2B SaaS platform for businesses to create custom mobile apps.
• Developed the platform using React, Next.js, Flutter, Python, Django, and PostgreSQL.
• Managed business operations, including product development, marketing, and customer support.
• Built strategic partnerships and secured funding for growth and scalability.

2022 - 2024   **IT Manager & Lead Engineer, Walters**   Harrisburg, PA

• Managed IT needs for 9 offices and 110+ employees, ensuring seamless operations.
• Provided data-driven insights to optimize strategic decision-making across teams.
• Developed and implemented solutions and dashboards using Python, SQL, Snowflake, and data visualization tools.
• Restructured and updated the network to support company expansion.
• Led a team of IT professionals, fostering collaboration and high performance.
• Identified and implemented process improvements and cost-saving measures.

2019 - 2020   **Backend Engineer, HeyAxel (exit Lumapps)**   Paris, France

• Enhanced chatbot performance and intelligence by optimizing backend services using Python, Flask, Docker, PostgreSQL and NodeJS, and integrating advanced NLP capabilities. Ensuring seamless communication between system components and robust data management.

2018 - Current   **Full-Stack Engineer, Freelance**   Hershey, PA

Education

2019 - 2022   **Bachelors of Science, Software Engineering, OpenClassrooms**   Paris, France

• Specialty in Full-Stack Web Applications Development, leveraging technologies like Python, Django, to build dynamic apps communicating with servers, databases and external APIs, based on an existing specs documentation or by creating one.

2017 - 2019   **Associate of Science, Computer Science, SupInfo University**   Paris, France

---

Skills

Python, FastAPI, Flask, Django	React Native, Flutter	PostgreSQL, MongoDB, Firebase
React, Next.JS, Node.JS	Azure, AWS, DigitalOcean, Heroku, GCP	Docker, Kubernetes

---

Languages

English, Bilingual	**French**, Native speaker