

Sabina Bialic

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Objective

Highly motivated DevOps Engineer passionate about building scalable, cloud-native solutions that transform business outcomes. Expert in cloud infrastructure, automation, and infrastructure-as-code, with a focus on optimizing processes and system reliability. Committed to delivering high-impact, customer-centric results through collaboration and innovation. Eager to push the boundaries of efficiency and performance across engineering teams.

Skills

- Proficient in Java, Spring Boot, Python, Flask, Go, and data streaming technologies like Kafka and Camel.
- Skilled in Kubernetes deployments using ArgoCD, Helm, and Docker, and in Infrastructure as Code with Terraform.
- Expertise in building automated CI/CD pipelines with Jenkins, CircleCI, and GitHub Actions.
- Strong experience with cloud platforms such as Azure, AWS, SAP BTP, and HCP.
- Adept in incident management and observability using tools like Datadog, Dynatrace, and Elasticsearch.
- Experienced in developing Generative AI solutions, leveraging RAG architecture and LLMs with LangChain.
- Effective communication and collaboration with stakeholders to deliver reliable and scalable solutions.

Professional Experience

Software Engineer II | Hashicorp (an IBM Company)

February 2025 - Present

- Engineering a **Retrieval-Augmented Generation** chatbot using **Python**, **LangChain**, and IBM's **watsonx.ai** to answer technical questions based on internal GitHub documentation, reducing developer search time by an estimated 25%.
- Managing and improving core infrastructure for dynamic development environments across **HCP** and **AWS**, ensuring a **Terraform** and **Nomad**-based platform provides scalable, production-grade fidelity for all engineers.
- Building and maintaining a custom CLI plugin that uses **Terraform** to automate ephemeral environment provisioning, significantly accelerating testing cycles for the engineering team.

Release Engineer, SRE II | Penn Entertainment

April 2024 - January 2025

- Architected a **Blue/Green** deployment strategy to enable seamless version transitions with minimal downtime, and reduce release downtime by 100% to support business growth and a growing user base.
- Migrated applications to **ArgoCD**, reducing deployment times by 90% through automated syncing, and improved CI/CD reliability with fewer deployment failures using declarative configurations and automated rollbacks.
- Streamlined the release process by implementing **Github** CI/CD workflows, reducing time-to-release through efficient artifact management and trunk-based development.
- Lead the development of internal tooling using **Python**, **Flask**, **ArgoCD** and **Kafka** to accelerate the internal release approval processes by 100%.

DevOps Developer | SAP

July 2022 - April 2024

- Led the migration of applications from **SAP BTP Neo** to **Cloud Foundry**, resulting in a 75% reduction in operational costs.
- Independently implemented a **Blue/Green** deployment strategy, resulting in 100% application availability.
- Architected, developed, and maintained scalable microservices using **Java** and **Spring Boot**, streamlining deployment processes across multiple environments.
- Implemented automated testing processes in **Jenkins CI/CD** pipelines using Newman, resulting in improved efficiency and accuracy of tests for maintaining high-quality standards and reliable releases.
- Enhanced application monitoring and alerting using **Kibana** and **Dynatrace**, resulting in an improvement into the visibility of key performance metrics and faster incident resolution times.

- Designed, developed, and maintained microservices architecture using **Java** and **Spring Boot**, while adhering to high-quality standards through rigorous unit and integration testing.
- Demonstrated expertise in developing, configuring, and exposing **REST APIs** in **Microsoft Azure**, optimizing API performance, and enhancing security and reliability.
- Leveraged **Apache Camel** routes to facilitate the smooth flow of messages, and **Kafka** for building scalable and distributed event-driven architectures, providing real-time data streaming capabilities.

Education

Honors Bachelors of Computer Science | Carleton University

June 2021

- Graduated with a 9.67 CGPA from the Management and Business Systems Stream with a Minor in Business.

Certifications

Discovering DevOps with SAP BTP | SAP

Issued in November 2023

Blockchain A-Z™: Learn How To Build Your First Blockchain | Udemy

Issued in February 2022

Professional Development

Business Women's Network Committee | SAP

January 2023 - May 2024

- A member on the SAP's Business Women's Network (BWN) Committee representing members in Montreal.
- Worked with other committee members to organize events to promote skill development and professional growth for women at SAP, fostering career advancement opportunities.

Personal Projects

Interval Timer Mobile App | Flutter, Dart

- Designed and developed a customizable interval training timer for iOS and Android devices using **Flutter** and **Dart**.

AI-Powered IaC Security Auditor | Python, Hugging Face, Docker, GitHub Actions

- Engineered a **CI/CD-integrated** tool that scans **Terraform** code for security vulnerabilities using a **Large Language Model**.
- Packaged the **Python** script as a reusable, versioned **GitHub Action** for publication on the GitHub Marketplace.
- Implemented logic to post detailed audit findings directly to pull requests, providing immediate feedback to developers.