

Sabina Bialic

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Professional Overview

Dynamic and results-oriented DevOps and SRE professional with extensive experience in designing and implementing effective DevOps solutions. Proven expertise in leveraging Microsoft Azure, SAP BTP, Java, and Spring Boot to optimize development processes and enhance application reliability. Thrives in fast-paced, collaborative environments with a strong commitment to continuous learning and innovative problem-solving. Recognized for driving operational efficiency and delivering transformative solutions that align with organizational goals and reduce manual toil for stakeholders.

Work Experience

Release Engineer, SRE | Penn Interactive (theScore)

May 2024 - Present

- Identifying areas of the release process which are ideal for automation in order to reduce toil, confusion, and human error which also aims to reduce the organization's operational costs.
- Leading a project which automates **Jira** issue creation using **Python** and **Flask**, reducing manual toil by 90%.
- Designing application architecture and documenting application designs using UML diagrams.
- Developing and maintaining automated integration tests into **Github** pipelines using **Postman** and **Newman** to validate the functionality, reliability, security and performance of APIs.
- Monitoring system performance using **Google Cloud Console** and **Datadog** while proactively identifying and resolving issues to ensure high availability and performance.

DevOps Developer | SAP

July 2022 - May 2024

- Migrated applications from **SAP BTP Neo** to **Cloud Foundry**, reducing operational costs by 75%.
- Developed and maintained applications with a microservice architecture using **Java** and **Spring Boot**, resulting in a modular and scalable system architecture that facilitated rapid development and deployment.
- Containerized Java applications using **Docker** to locally test applications and to enable seamless deployment across different environments, resulting in a reduction in environment-related issues.
- 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.
- Integrated monitoring, alerting, and dashboarding solutions using **Kibana** and **Dynatrace**, resulting in improved visibility into application performance and key business metrics.
- Independently implemented a Blue/Green deployment strategy, resulting in 100% application availability.

DevOps Developer | ESDC

January 2020 - July 2022

- Assumed a pivotal role within an agile environment, actively contributing to the implementation and modernization of departmental programs which provide essential services for Canadians.
- Designed, developed, and maintained microservices architecture using **Java** and **Spring Boot**, while conducting the necessary unit and integration testing to ensure quality standards are met.
- 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.
- Collaborated with team members during BDD sessions to create detailed test case scenarios in order to improve product quality and ensure high test coverage.

Education

Honours 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.

Technical Skills

Programming Languages Java, Spring Boot, Python, JavaScript, Node, Kafka, Camel, Flutter

Technologies SAP BTP, Cloud Foundry, Azure, Jenkins, Docker, Elasticsearch, Postman, Maven, Git

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.
- Work with other committee members to organize and promote events to BWN members which aim to help one another develop skills, gain professional insights, and provide career advancing opportunities to drive SAP's success.

Certificates

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

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.