SAMUEL BLEHM

SOFTWARE ENGINEER | 7+ YEARS PROFESSIONAL INDUSTRY EXPERIENCE

+49 151 708 766 04

sblm.me

RELEVANT EXPERIENCE

10/2022 - Now

Full Stack Developer @ Fincons Group AG - Project exclusively at SBB CFF FFS // Bern, CH

- Contributed to a landmark IT project, successfully decommissioning SBB's 60-year-old mainframe
- Extending, pruning, and maintaining critical microservice applications for railway operations using Angular, Java 21, MongoDB, Kafka, and Docker, continuously enhancing system reliability
- Implement scalable solutions on Kubernetes/OpenShift, ensuring seamless transition from legacy systems
- · Work in a SAFe-organized team, delivering high-impact software for transportation organizations and locomotive engineers

12/2021 - 09/2022

Software Developer @ ACTICO GmbH // Immenstaad, GER

 Collaborated in a Scrum-based team to develop and enhance Spring-based REST microservices. These services were used to host, deploy, and execute rule-based machine learning decision models. Applied Python, Angular, Java, Docker, TypeScript etc.

10/2016 - 12/2020

Software Developer @ SAP SE // Walldorf, GER

- · Worked with an international Scrum team on establishing and extending Event Mesh, formerly known as **Enterprise Messaging**
- Developed and onboarded REST-based applications, driving > 70% of global service availability
- Performed regular software update releases, complied with security standards by providing patches and fixing vulnerabilities
- Worked with various technologies such as Java, Shell, RabbitMQ, PubSub+ Event Broker, Cloud Foundry, AWS, etc.
- Coordinated a project with an international partner for reliable cross-broker message migration bearing critical customer data
- Managed and resolved emergency events such as outages to reestablish critical applications that handle serious customer data
- Implemented customer data metering, which laid the foundation for accounting, monitoring, and product commercialization
- Realized a statistics data exporter application in Go by eliciting broker data. Fed a Prometheus instance and visualized the data in Grafana dashboards. Pushed Alerts to Slack, which raised the reaction time and significantly improved customer experience

09/2013 - 12/2013

Student Assistant @ University of Mannheim // Mannheim, GER

- Assistance in lecture preparation and refactoring for "Foundations of Information Systems"
- · Scientific literature analysis, evaluation upon interdependence between independent, dependent, and control variables

EDUCATION / PROJECTS

01/2020 - Now

Coursera / Private Endeavors // coursera.org, DeepLearning.Al

- Always exploring new technologies and trends in IT
- Completed the specialization track for <u>Deep Learning</u>. Completed [0], [1], [2], [3], [4], [5]
- I have completed the Machine Learning track [6] and the Crash Course on Python from Google [7]
- I am developing my personal Website with React based Next.js / Gatsby.js and Strapi Headless CMS [8]

08/2011 - 12/2015

University of Mannheim // Mannheim, DE - Lappeenranta University of Technology // Lappeenranta, FIN

- Bachelor of Science in Business Informatics, Thesis: "The Relationship between Exploitative and Explorative Business Process IT"
- Deepening: "Artificial Intelligence", "Banking and IT Management"
- Term abroad Lappeenranta University of Technology, Finland (Jan 2014 May 2014)

HARD SKILLS

Programming Languages Libraries & Frameworks **Tools & Platforms** Data & Cloud Java / TypeScript **Spring Boot** Kubernetes / OpenShift MongoDB / SQL Docker / Terraform Kafka / Solace PubSub+ JavaScript Angular / React Python / Go Maven / Jenkins AWS / Prometheus RxJs HTML / CSS Mockito / Junit Git / GitHub PyTorch / TensorFlow

SOFT SKILLS INTERESTS

Responsibility, Self-Discipline, Resilience, Team player, Strategic Thinking, Transparent Communication Music, Art, Al