

SAMUEL BLEHM

SOFTWARE ENGINEER | 7+ YEARS PROFESSIONAL INDUSTRY EXPERIENCE

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🔗 github.com/src-dbgr

RELEVANT EXPERIENCE

Oct 2022 - Now

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

- Contributed to a landmark IT project: the successful decommissioning of SBB's 60-year-old mainframe system
- Develop critical microservice applications for railway operations using Angular, Java 21, MongoDB, Apache Kafka, Docker
- 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

Dec 2021 - Sept 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.

Oct 2016 - Dec 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 horizontally and vertically scalable REST-based applications in multiple geo-locations
- 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 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

Sept 2013 - Dec 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

Jan 2020 - Now

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

- Always exploring new technologies and trends in IT
- Completed the specialization track for [Deep Learning](#). 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 [\[8\]](#)

Aug 2011 - Dec 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

Java / TypeScript
JavaScript
Python / Go
HTML / CSS

Libraries & Frameworks

Spring Boot
Angular / React
RxJs
Mockito / JUnit

Tools & Platforms

Kubernetes / OpenShift
Docker / Terraform
Maven / Jenkins
Git / GitHub

Data & Cloud

MongoDB / SQL
Kafka / Solace PubSub+
AWS / Prometheus / Grafana
PyTorch / TensorFlow

SOFT SKILLS

Responsibility, Self-Discipline, Resilience, Team player, Strategic Thinking, Positive Mindset, Transparent Communication

INTERESTS

Music, Art, AI