

SAMUEL BLEHM | SOFTWARE ENGINEER | 7+ YEARS PROFESSIONAL INDUSTRY EXPERIENCE

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🐙 github.com/src-dbgr

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.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 [\[8\]](#)
- 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

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
PyTorch / TensorFlow

SOFT SKILLS

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

INTERESTS

Music, Art, AI