

# 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

- Work in a SAFe-organized team, developing full-stack railway microservices. These services provide critical information to railway transportation organizations and locomotive engineers.
- Applying technologies such as Angular, RxJs, Java 21, MongoDB, Apache Kafka, K8s on OpenShift, Maven, Docker, IntelliJ etc.

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 started developing my personal Website with React based Gatsby.js and Strapi Headless CMS [\[8\]](#)

Aug 2011 - Dec 2015

#### University of Mannheim // Mannheim, DE

- Bachelor of Science in Business Informatics, Thesis: “*The Relationship between Exploitative and Explorative Business Process IT*”
- Deepening: “*Artificial Intelligence*”, “*Banking and IT Management*”

Jan 2014 - May 2014

#### Lappeenranta University of Technology // Lappeenranta, FIN

- Term abroad - International Business and Technology Program

### HARD SKILLS

#### Programming Languages

Java / Go	Professionally used
SQL	Professionally used
JavaScript / Python	Professionally used
HTML / CSS	Professionally used

#### Libraries & Frameworks

Kubernetes	Professionally used
Spring Boot	Professionally used
Mockito	Professionally used
Angular	Professionally used

#### Tools & Platforms

Docker	Professionally used
Maven / Jenkins	Professionally used
Grafana	Professionally used
Git / GitHub	Professionally used

#### Data & Design

Adobe CC	Advanced
MS Excel / VBA	Advanced
MATLAB	Basics
PyTorch / TensorFlow	Basics

### SOFT SKILLS

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

### INTERESTS

Music, Art, AI