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

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

SOFT SKILLS

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

INTERESTS

Music, Art, AI