SAMUEL BLEHM

SOFTWARE ENGINEER | 7+ YEARS PROFESSIONAL INDUSTRY EXPERIENCE

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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		Libraries & Frameworks		Tools & Platforms		Data & Design	
Java / Go	Professionally used	Kubernetes	Professionally used	Docker	Professionally used	Adobe CC	Advanced
SQL	Professionally used	Spring Boot	Professionally used	Maven / Jenkins	Professionally used	MS Excel / VBA	Advanced
JavaScript / Python	Professionally used	Mockito	Professionally used	Grafana	Professionally used	MATLAB	Basics
HTML / CSS	Professionally used	Angular	Professionally used	Git / GitHub	Professionally used	PyTorch / TensorFlow	Basics

SOFT SKILLS

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

INTERESTS

Music, Art, AI