SAMUEL BLEHM

SOFTWARE ENGINEER | 6+ YEARS PROFESSIONAL INDUSTRY EXPERIENCE

RELEVANT EXPERIENCE

Oct 2022 - Now

Full Stack Developer @ Fincons Group // 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 17, MongoDB, Apache Kafka, K8s on OpenShift, Maven, 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.

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.Al

- Always exploring new technologies and trends in IT
- Completed the specialization track for <u>Deep Learning</u>. Completed [O], [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 INTERESTS

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

Music, Art, Blockchain, Al