

SAMUEL BLEHM

SOFTWARE ENGINEER | 4+ YEARS PROFESSIONAL INDUSTRIE EXPERIENCE

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🔗 github.com/src-dbgr

RELEVANT EXPERIENCE

Oct 2016 - Dec 2020

Software Developer @ SAP SE // Walldorf, GER

- Worked with an international scrum organized team on establishing and extending [Event Mesh](#), formerly [Enterprise Messaging](#)
- Written modern, performant and robust code mainly for SAP's Cloud Platform Messaging Service
- Developed and onboarded horizontally and vertically scalable REST-based applications utilizing message broker technologies
- Deployed and maintained applications on specific Cloud Platform Solutions 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 an implementation project with an international external partner enterprise aiming towards a reliable cross-broker message artifact move hosting serious customer data
- Took responsibility for emergency events such as outages with joint debugging efforts and reestablishing of critical applications handling essential customer data
- Implemented customer instance data metering in Java, which laid the foundation for pricing, monitoring, and product commercialization
- Realized a statistics data exporter application in Go on K8s by eliciting broker stats. Fed a Prometheus instance and visualized the data in Grafana dashboards. Alerts on incidents were pushed to Slack, which significantly improved reaction time and subsequently improved customer experience
- Promoted from "Junior Developer" to "Developer" and received two spot awards for excellent performance

Sept 2013 - Dec 2013

Student Assistant @ University of Mannheim // Mannheim, GER

- SAP NetWeaver Gateway rights and roles management in the context of a graduate students' team project
- 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 // [coursera.org](#), [DeepLearning.AI](#)

- Currently, I am working on the specialization track for [Deep Learning](#). Completed [\[1\]](#), [\[2\]](#), [\[3\]](#), [\[4\]](#) of five courses
- I have completed the [Machine Learning](#) track [\[5\]](#) and the [Crash Course on Python](#) from Google [\[6\]](#)
- Learning React - I started developing my personal Website with Gatsby.js and Strapi Headless CMS [\[7\]](#)

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
HTML / CSS	Advanced
JavaScript / Python	Basics

Libraries & Frameworks

Kubernetes	Professionally used
Spring Boot	Professionally used
Mockito	Professionally used
React	Basics

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, Blockchain, AI