

# 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 certain Cloud Platform Solutions in multiple geo locations
- Performed regular software update releases, complied with security standards by providing patches and fixing vulnerabilities
- Worked with a variety of different technologies such as Java, Shell, RabbitMQ, PubSub+ Event Broker, Cloud Foundry, AWS etc.
- Coordinated an implementation project with a global 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 reestablishment of critical applications handling significant customer data
- Implemented customer instance data metering in Java which laid the foundation for pricing, monitoring and product commercialization
- Implemented a statistics data exporter application in Go on K8s by eliciting broker stats. Fed a Prometheus instance and visualized the data in Grafana dashboards. Alert on incidents were pushed to Slack which led to a significant improvement of reaction time and improved customer experience
- Promoted from "Junior Developer" to "Developer" and received two spot awards for very good performance

#### Sept 2013 - Dec 2013 Student Assistant @ University of Mannheim // Mannheim, GER

- SAP NetWeaver Gateway rights and roles management in 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 [\[1\]](#), [\[2\]](#), [\[3\]](#) of five courses
- I have completed the [Machine Learning](#) track [\[4\]](#) and the [Crash Course on Python](#) from Google [\[5\]](#)
- Learning React - I started developing my personal Website with Gatsby.js and Strapi Headless CMS [\[6\]](#)

#### 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, A.I.