ALJOSCHA BOLLMANN

Platform Engineer

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WHO AM I?

Experienced Platform/DevOps Engineer with 5+ years building development and production environments. Passionate about developer experience, system architecture, observability and cybersecurity. Background in distributed systems and software engineering.

PROJECTS

rūnō – https://github.com/aljoshare/runo
A Secret Generator for Kubernetes written in Rust

commala – https://github.com/aljoshare/commala
A commit linter with a lot of rice

SwarmRob – https://github.com/IoT-Lab-Minden/SwarmRob
A Docker-Based Toolkit for Reproducibility and Sharing of Experimental Artifacts in Robotics Research

Kubernetes AWS Python Rust Go Azure
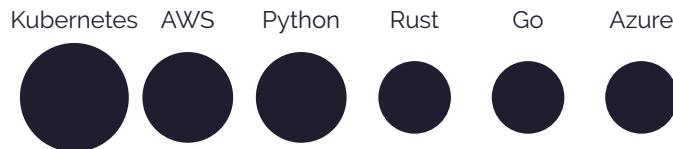
EXPERIENCE

2020 – Today **Senior Software Engineer** **Hellmann Worldwide Logistics**
Contributed to the setup of an Internal Developer Platform with a special focus on automation, security, governance and observability topics. Supported multiple product teams with migration/provisioning of business-critical applications to the cloud. Helped to start the journey of AI-driven software engineering.
```
AWS / Kubernetes / Azure / CNCF Landscape / Terraform / Atlantis / GitOps
/ Python / Rust / Golang / LGTM Stack / WIZ.io / Github Copilot / Claude
Code / and many more
```

2015 – 2020 **Research Assistant** **HSBI**
Contributed to the research and development of a multi-agent robotics system embodied in a smart home environment. Held classes in operating/distributed systems and mentored student assistants.
```
Docker / Docker Swarm / Python / C++ / Robot Operating System (ROS) / AI
Planning / Embedded Hardware
```

2014 – 2015 **Student Assistant** **HSBI**
Contributed to the research and development of an accelerometer-based fall detection system.
```
Android / C++ / Machine Learning / Embedded Hardware
```

2014 – 2015 **Intern** **Arvato Systems**
Evaluated multiple Mobile Enterprise Application Platforms (MEAPs) as part of my bachelor thesis.
```
Android / iOS / Mobile Enterprise Application Platforms
```

2012 – 2014 **Working Student** **ABB Ltd.**
Contributed to enhancing Microsoft Team Foundation Server by implementing advanced project management reporting features using Microsoft Powershell and Microsoft Excel.
```
Microsoft Team Foundation Server / Microsoft Powershell
```

EDUCATION

2017 – 2020	**PhD Student** Computer Science, GPA = DNF	**Otto von Guericke University - Magdeburg, Germany**
2015 – 2017	**Master of Science** Computer Science, GPA = 1.1	**HSBI - Bielefeld, Germany**
2011 – 2015	**Bachelor of Science** Computer Science, GPA = 1.7	**HSBI - Bielefeld, Germany**
2008 – 2011	**Information Technology Assistant (ITA)** GPA = 1.9	**Lüttfeld Technical School - Lemgo, Germany**

CERTIFICATIONS

2024	**CKA: Certified Kubernetes Administrator**	**Linux Foundation**
2023	**AWS Certified Solutions Architect - Associate**	**Amazon Web Services (AWS)**
2023	**Microsoft Certified: Azure Fundamentals**	**Microsoft**
2022	**Certificate of Cloud Security Knowledge (CCSKv4)**	**Cloud Security Alliance**

TALKS

2025	**Platform Engineering** On Tour @ #headinthecloud	**Working Draft**
2025	**This Way Up** Zwei Jahre Platform Engineering zwischen Stück-, Gefahr- und Sammelgut	**Head in the Cloud**
2025	**One Size Fits All?** Nicht für Hellmann: So baut man eine Plattform, die wirklich passt	**Platform Stories**
2025	**Developer Experience Revolution** Die Plattform-Strategie bei Hellmann	**AWS Cloud Horizonte**
2024	**Logbook of a journey** Building a platform team in a 150-year-old logistics company	**PlatformCon**

LANGUAGES

German - Native
English - Professional Working Proficiency

HOBBIES

Cycling, Running, Reading, My Football Club, Building and Maintaining my Side Projects