Julian Bensch

Senior Cloud Engineer

- 29 December 1997
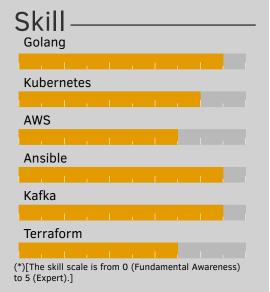- Cologne, Germany
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About me

I'm Julian, software engineer from Cologne with a passion for efficiency and elegance. A hammer may be able to push a screw but is not the preferred tool for the job.

Don't be afraid to try new things!

Skill

Golang

Kubernetes

AWS

Ansible

Kafka

Terraform

(*)[The skill scale is from 0 (Fundamental Awareness) to 5 (Expert).]

experience

☁	since 2017	Freelance software engineer and consultant	Germany - Freelance

Implementing software for clients.
Reference the project list below.

💼	2019 - 2020	Software Engineer	DEVK - Insurance - Employed

- *Creating Java services*
- *Designing APIs*
- *Managing VMs via Ansible*
- *Move company towards Containerization*
- *Build CI/CD pipelines*
- *Create guidelines for other devs*

🎓	2015 - 2018	Technical assistant (biotech)	BK Kartäuserwall - Research/Study

- *Learn about biology/genetics/molecular biology*
- *Research plant genetics*

interests

Private projects that include programming, soldering, hardware, woodworking and nature. Cooking is also nice and gardening is a big part of my life. On the weekends I tend to play with my cats or spend my time playing videogames.

voluntary work

I worked in the Telegram Support Force (TSF) for three years.
Helping users regarding privacy, security and UI/UX Support.
Creating bug reports, talking about suggested features for the messaging platform and eventually suggesting/implementing my own features.

As Telegram is a non profit organization the work done was completely voluntary.
I just enjoy the platform and use it instead of WhatsApp or any other messaging platform.

projects

⬡	7 months	Kubernetes Administration (cluster setup and management)	Freelance

Setting up a Kubernetes cluster

Techstack:
- Kubernetes
- Istio service mesh
- Ansible
- Proxmox
- Helm
- OPNSense

🗄	6 months	Database migration pipeline w. microservices	Freelance

Creating an ETL pipeline with Golang & Kafka

Techstack:
- Microservices writtin in Golang to keep memory footprint low
- Kafka used for parallel processing
- Deployed on Docker Swarm & Kubernetes
- REST & SOAP APIs used for load
- MSSQL database & SOAP APIs used for extraction
- Management UI created with VueJS
- MongoDB for monitoring & QA

☰ 9 months   In-house workflow engine   Freelance
Creating an in-house workflow engine that works with Kafka compatible with different programming languages (Java & Golang)

Techstack:
- Kafka
- Golang
- Protobuf
- Java
- VueJS

☰ 12 months   Kafka Administrator (setup and management)   Freelance
Creating & managing Kafka clusters
Helping developers getting up to speed with Kafka

Techstack:
- Kafka
- Ansible
- Linux
- SystemD
- Proxmox

☰ 4 months   Inventory management software   Freelance
Creating a SAAS product that allows you to quickly implement inventories into your application

Techstack:
- VueJS
- Golang
- Docker
- MongoDB
- PostgreSQL

👤 3 months   User management software   Freelance
Creating a lightweight service for user management/auth

Techstack:
- VueJS
- Golang
- Docker
- PostgreSQL

🎮 1.5 years   Game developer/lecturer   Freelance
Developing games with C# and Unity (game engine)

Techstack:
- C#
- Unity Engine
- PostgreSQL
- Docker

🎮 2 years   Blockchain analyst   Freelance
Analyzing the market and calculating risks/opportunities for clients.

Technical research and white paper deep dives to make technical decisions.