Aiko Klostermann

Senior Software Engineer

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Summary

I have worked in multiple microservice/distributed system architectures with several different technology stacks and have untilized numerous different architectural patterns.

Additionally I share my ideas and learnings by giving (keynote)talks and workshops at international conferences and writing articles which have been published by multiple publications.

Experience

Grab Taxi Holding

3/2021 - 08/2021 — **Senior Software Engineer**, *Singapore.*

Golang, gRPC, AWS, Bash
- Building Testing Automation Framework and Platform for all Grab Engineers
- Being service owner of multiple services and managing direct report

ThoughtWorks

- Building high quality, maintainable, scalable, robust and fault-tolerant software for various clients applying best practices like TDD, DDD, CI/CD, IaC, Pair Programming

5/2019 - 2/2021 — **Senior Software Engineer**, *mostly Singapore.*

Java, Python, Typescript, Node.js, AWS, Azure, Docker, Kubernetes
- Led platform-wide performance testing and optimization effort(scale: >10 billion db rows)
- Took over the tech lead role of the team at the final stages of a project
- Introduced client team to infrastructure as code(IaC)
- Onboarded multiple batches of new hires by giving lectures on topics like Clean Code design concepts like SOLID principles, Pair Programming, TDD, etc.
- Organised and facilitated a weekly infrastructure engineering study group

6/2017 - 4/2019 — **Software Engineer**, *mostly Bangalore, India.*

Java, Python, Django, AWS, Docker
- Introduced the client to the concept of CI and importance of a comprehensive test coverage
- Joined a project with nearing deadline due to of my expertise in Python which led to us delivering ahead of time after all
- Led the Data/AI/ML enthusiasts group in ThoughtWorks India with > 130 members

6/2016 - 5/2017 — **Graduate Software Engineer**, *Hamburg, Germany.*

Java, Python, AWS, Tensorflow
- Introduced client to neural networks & increased order prediction accuracy by 18% to 82%
- Owned cloud migration effort and managed to be the first team to go-live on cloud infrastructure

University of Applied Sciences Hamburg

3/2014 - 8/2014 — **Teaching Assistant for Programming II**, *Hamburg, Germany.*

Taught advanced Java/Programming concepts including Multithreading, Generics and Inner classes

Additional Achievments

- (Keynote)Speaker at various international conferences
- Have had my articles published by DataQuest, FinTechNews, Thoughtworks.com i.a.
- PROMOS Scholarship recipient for overall academic results

Education

9/2012 - 5/2016 — **University of Applied Sciences Hamburg**, *B.Sc. Computer Science.*

Thesis Project: Convolutional Neural Networks on Mobile Devices *Grade: 4.0/4.0*

8/2014 - 12/2014 — **The Hong Kong University of Science and Technology**, *Semester Abroad.*

Skills

Languages	Java, Python, Javascript & Typescript, Golang, C, C++, HTML, CSS, HCL
Frameworks	Spring{Boot}, Django, Flask, Node.js, React, ReactNative, Angular, TensorFlow
DevOps/Infra	Terraform, Cloudformation, Docker, Kubernetes, Linux/Unix Shells, Ansible, AWS, Azure
Others	PostgreSQL, MongoDb, REST, GraphQL, gRPC, Protobuf, Apache Kafka, distributed systems/microservice architecture, Jupyter Notebook, TDD, Performance optimization