

# Adrian Busse

SOFTWARE ENGINEER - COMPUTER SCIENCE B.SC. - AALEN UNIVERSITY

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## About me

<b>Programming</b>	TypeScript, Golang, C++
<b>Backend</b>	Nest.js, REST, WebSockets, GraphQL
<b>Frontend</b>	React, React Native
<b>Databases</b>	MongoDB, PostgreSQL, Redis
<b>DevOps</b>	Docker, Kubernetes, Github Actions
<b>Languages</b>	German, English

## Education

### Aalen University (University of Technology and Economy)

Aalen, Germany

B.SC. IN COMPUTER SCIENCE | FINAL GRADE: 1.4 (GPA: 3.5)

Sep. 2018 - Mar. 2022

- Focus: Software Engineering
- **Cloud and Distributed computing:** Developed a cryptocurrency paper trading and news app.  
Used technologies: React, Go, MongoDB, SQL and Google Cloud Platform
- **Game Development:** Developed a platformer game based on the Unity engine with a similar feel like the game *Celeste*

## Experience

### FNT Software

Ellwangen, Germany

SOFTWARE ENGINEER - WORKING STUDENT

Mar. 2021 - present

- Built an integration between the configuration management database FNT Command and Atlassian JIRA.
- Migrate use cases from "old" FNT ServiceEngine to FNT ProcessCenter by recreating most of the demo workflows and by developing a JEE microservice that fills the gaps to fully migrate to ProcessCenter.

### FNT Software

Ellwangen, Germany

COMPULSORY INTERNSHIP

Sep. 2020 - Mar. 2021

- Development of a Node.js microservice that expands the capabilities of FNT ServiceEngine (process management solution) by implementing service-tasks for the workflow and decision automation platform Camunda and the projects forms domain.
- Increased efficiency in pre-sales by developing a project that simplifies the creation of demo cases and extends the currently possible capabilities.
- Created multiple end-to-end use cases for the FNT ServiceEngine to further enable the pre-sales team in customer presentations/requests.
- Testing of business intelligence solution FNT Analytics.

### Institute for Materials Research @ Aalen Univeristy

Aalen, Germany

STUDENT ASSISTANT - SOFTWARE ENGINEER

Mar. 2019 - Jul. 2019

- Created a proof-of-concept controlling software for ZEISS Axio Imager Vario light microscopes in C#

### Freelance Work

Heidenheim, Germany

SOFTWARE DEVELOPER

Mar. 2017 - present

- Created small projects that got commissioned through users in online forums
- Connected with other developers and started to work on a cloud native game-server hosting platform
- Joined a team of local students and developed a React Native proof-of-concept app for the city of Heidenheim