

# Arno Claude

+49 176 43893953 | [arno.claude@googlemail.com](mailto:arno.claude@googlemail.com) | [linkedin.com/in/arnoclaude](https://linkedin.com/in/arnoclaude)

## EDUCATION

<b>M.Sc. Computer Science</b> <i>Technical University of Munich</i>	Munich, Bavaria <i>October 2022 – September 2024 (Expected)</i>
<b>B.Sc. Computer Science</b> <i>Technical University of Munich</i>	Munich, Bavaria <i>October 2018 – September 2022</i>
<ul style="list-style-type: none"><li>• Introduction to Object-oriented Programming (Java)</li><li>• Introduction to Functional Programming (Haskell)</li><li>• Introduction to Databases (SQL)</li><li>• Implementation and Deployment of Database Management Systems (Advanced SQL)</li><li>• Introduction to Algorithms and Datastructures</li></ul>	

## WORK EXPERIENCE

<b>Software Engineer Working Student</b> <i>Certivity   Java, TypeScript, React, Spring, React Query, Redux, MongoDB</i>	Munich, Bavaria <i>March 2022 – March 2023</i>
<ul style="list-style-type: none"><li>• Helped build the MVP of the startup by implementing key features used by early customers (TypeScript, React, React Query, Redux, Tailwind CSS)</li><li>• Implemented various backend features (Java, Spring, MongoDB)</li></ul>	
<b>Software Engineer Working Student</b> <i>Avision GmbH   Java, JavaScript, Spring, JUnit, Log4j2, Jasypt</i>	
<ul style="list-style-type: none"><li>• Implemented a REST API to facilitate DHL workers' jobs (Java, Spring MVC, Spring Data, Hibernate)</li><li>• Created a logging system to help developers troubleshoot the application (Java, Log4j2)</li><li>• Created an encryption system to securely encrypt passwords in the codebase (Java, Jasypt)</li><li>• Created end-to-end tests to test the functionality and performance of the application (JavaScript, Cypress)</li><li>• Created unit tests to validate existing code (Java, JUnit)</li><li>• Created batch scripts to automate image compression, heavily reducing file sizes (Unix Shell, ImageMagick)</li></ul>	Oberhaching, Bavaria <i>April 2021 – March 2022</i>

## PROJECTS AND HACKATHONS

<b>Funkenflieger</b>   <i>Python, Apache Kafka</i>	May 2022 – July 2022
<ul style="list-style-type: none"><li>• Developed an event processing pipeline to process large amounts of data</li></ul>	
<b>BCG Platinion Hackathon</b>   <i>Java, Python, Raspberry Pi</i>	October 2021
<ul style="list-style-type: none"><li>• Developed a solution concept facilitating vaccine storage for the logistic department of Médecins sans frontières</li></ul>	
<b>iPraktikum</b>   <i>Swift, SwiftUI, ARKit, Java, Spring, Hibernate, MariaDB</i>	April 2020 – August 2020
<ul style="list-style-type: none"><li>• Developed a physiotherapy app that uses cutting edge augmented reality technology to assist patients at home</li><li>• Responsible for the user interface and experience, as well as the augmented reality feature of the app</li></ul>	

## TECHNICAL SKILLS

<b>Languages:</b> Java, JavaScript, TypeScript, Python, HTML/CSS, SQL
<b>Frameworks &amp; Libraries:</b> React, React Query, Tailwind CSS, Redux, Cypress, Spring, JUnit, Apache Kafka
<b>Databases:</b> PostgreSQL, MongoDB
<b>Developer Tools:</b> Git, IntelliJ, Visual Studio Code, Bash (Unix Shell), Docker
<b>Design Tools:</b> Adobe Photoshop, Adobe Illustrator, Adobe Lightroom, Figma, Sketch