

Max Böcker

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🌐 morbatex.com



Education

- 2002–2006 **Elementary school** , *Andreas Grundschule Ahaus*, Ahaus
- 2006–2014 **Secondary school** , *Bischöfliche Canisiusschule Ahaus*, Ahaus, Degree: Allgemeine Hochschulreife with an average grade of 2.3
- 2014–2021 **B. Sc. Computer Science**, *RWTH Aachen University*, Aachen
- 2021-2024 **Mathematical Technical Software Developers - Apprenticeship**, *m3connect GmbH*, Aachen, Average grade 2.4
- 2021–today **B. Sc. Applied Mathematics and Informatics (dual)**, *FH Aachen*, Aachen

Working experience

- 2009–September 2014 **Stand-in**, *Ferro Umformtechnik GmbH & Co. KG*, Stadtlohn
Mini-job/Fulltime
- SS 2017–WS 2018, **Research assistant**, *Computer Science Mentoring at RWTH Aachen University*, Aachen
WS 2019
Mentor for freshmen
- April 2019–December 2020 **Research assistant**, *Fraunhofer Institute for Production Technology IPT*, Aachen
Developer of NCPProfiler, a Java software for automated NC data analysis
Design und development of a REST-API and an Angular-Frontends
Used technologies: Angular, Bash, CentOS, C#, Docker Swarm, Elastic, Git, GitLab CI/CD, Java, REST, Swing, Traefik, TypeScript, WebSocket
- May–August 2021, **Software Developer**, *m3connect GmbH*, Aachen
February 2024–today
Design und development von Backend services
Development of captive portals
Development of infotainment systemen for hopsitality TVs
Used technologies: CSS, Docker, Express.js, Git, HTML, Java, JavaScript, PHP, REST, Spring Boot, TypeScript, Vue.js
- September 2021–January 2024 **Trainee Mathematical Technical Software Developers**, *m3connect GmbH*, Aachen
Development von Captive Portals
Development of infotainment systemen for hopsitality TVs
Design und development of progressive web apps
Improvement of the Docker and Kubernetes capabilities of software systems
Used technologies: CSS, Docker, Express.js, Git, HTML, JavaScript, Kubernetes, PHP, REST, Vue.js, TypeScript

Additional experience

- 2014–2017 **Volunteer work**, *Eine Welt Laden Ahaus*, Ahaus
Development and operation of an website
Used technologies: Apache HTTP Server, CSS, HTML, PHP
- 2019 **Hackathon participation with 4 other people**, *Fraunhofer International Center for Networked Adaptiv Production (ICNAP)*, Aachen
Participation in the hackathon „#hackingforfuture - Let’s Create the Production of Tomorrow!“ with award as „Best Overall Product“
Development of a software solution for the detection, statistical and graphical processing of machine errors and their processing by the machine operator
Used technologies: CSS, HTML, Javascript, Python, React.js, REST, Rust, WebSocket

Private projects

Eboocker

REST service and website for managing ebooks
Used technologies: CSS, Diesel, Docker, HTML, Javascript, MySQL, REST, Rocket, Rust, Vue.js

Seitanic Cookbook

REST service and website for a shared recipe book
Used technologies: CSS, Docker, HTML, MongoDB, REST, Rocket, Rust, TypeScript, Vue.js

Matekasse

GraphQL service and website (running on an touchscreen Raspberry Pi) for managing accounts and their credits of a shared coffee fund
Used technologies: CSS, Docker, GraphQL, Hasura, HTML, Rust, TypeScript, Vue.js, WebSockets

IT skills

Programming and markup languages

- Basic C#, Haskell, Prolog,
Good Bash, C, C++, Java, LaTeX, Markdown, PHP, Python
Excellent CSS, HTML, JavaScript, Rust, TypeScript

Technologies, frameworks und libraries

- Baisc Spring Boot
Good GraphQL, Hasura, Kubernetes, WebSockets
Excellent Diesel, Docker, REST, Rocket, Vue.js

Databases

- Baisc Elastic, MongoDB
Good MySQL, PostgreSQL

Development tools

- Basic Make, SVN
Excellent Cargo, Git, Github Actions, Gitlab CI/CD, npm

Languages

German First language
English Fluently

Additional skills

Driver's license Class B