

SIMON BREBECK

Portfolio: www.simonbrebeck.de | LinkedIn: www.linkedin.com/in/simonbrebeck

EDUCATION

B.Sc. Computer Science RWTH Aachen University, Germany	Oct 2021 - present
Abitur (High School Diploma), Grade: 1.4/1 Silverberg-Gymnasium Bedburg, Germany	Sep 2013 - Jul 2021
Computer Science, Dual Enrollment (ger. Schülerstudium) University of Cologne, Germany	Apr 2019 - Sep 2020

EXPERIENCE

SAP SE <i>Full-Stack Web Development Working Student</i> <ul style="list-style-type: none">Developed a cloud application for internal use, using React, SAP CAP with Node.js and HANA Cloud.	Mar 2024 - present Hamburg, Germany
SAP SE <i>Full-Stack Web Development Intern</i> <ul style="list-style-type: none">Co-organized and extended the dashboard for an internal hackathon to foster SAP technology skills within the company.	Sep 2023 - Feb 2024 Hamburg, Germany
Self Employed <i>Computer Science Teacher</i> <ul style="list-style-type: none">Taught basic concepts of imperative and object-oriented programming at a private learning institute using Java and the Java Swing GUI-Toolkit.	Apr 2021 - Jun 2022 Cologne, Germany
University of Cologne <i>Scientific Assistant Intern</i> <ul style="list-style-type: none">Implemented a graphical user interface for a Ph.D. student's dissertation about a Minkowski billiard algorithm using Python.	Jul 2019 Cologne, Germany

PERSONAL PROJECTS

Database Designer www.simonbrebeck.de/projects/dbdesigner <ul style="list-style-type: none">A web-based database designer.	Apr 2024 - present HTML, CSS, TS, Angular
e-Learning Platform for Schools www.simonbrebeck.de/projects/ellipso <ul style="list-style-type: none">An interactive e-Learning Platform with class books, individual timetables, interactive courses and more.	Nov 2020 - present Java, Spring, MySQL, HTML, CSS, TS, Angular
Cloud Storage System www.simonbrebeck.de/projects/storage <ul style="list-style-type: none">A distributed and scalable object storage system inspired by object storage systems like AWS S3, Azure Blob Storage.	Oct 2022 - Feb 2023 Java, Spring, MySQL
Calendar Web Application www.simonbrebeck.de/projects/calendar <ul style="list-style-type: none">A responsive web calendar with custom user events and a dark mode.	Jun 2022 - Sep 2022 PHP, MySQL, HTML, CSS, JS

SKILLS

Computer Languages	Java, C#, PHP, HTML, CSS, JS/TS, Python
Frameworks	Spring, Angular, React, .NET Core, SAP UI5, SAP CAP
Protocols	REST, OData, WebSockets
Databases	MySQL, Microsoft SQL, HANA Cloud
Tools	Git, LaTeX
Languages	English (fluent), German (native)

CERTIFICATIONS

Member of the German National Team for WorldSkills 2024

May 2023 - present

- Representing Germany in a Software Development Skill at the World Championship 2024 in Lyon, hosted by WorldSkills.

SAP Cloud Native Developer (Node.js)

2023

- Completed a training covering agile software engineering and cloud native development concepts like zero downtime deployments, CI/CD, TDD, Kubernetes and microservices.

AWARDS

Gold Medal at an international Software Development Competition

2024

- Gold Medalist in the discipline IT Software Solutions for Business at the international Albert-Einstein-Cup, qualifying for the World Championship 2024.
- Developed multiple desktop and mobile applications across five sessions, each lasting 2.5 to 3.5 hours.

Silver Medals at the German National Software Developer Competition

2023

- Silver Medalist in Mobile Applications Development, IT Software Solutions for Business and Speed-Programming during the German Championship of Software Developers by WorldSkills Germany.

2nd and 3rd Place at the "Deutscher Gründerpreis für Schüler" (start-up team competition)

2019 - 2021

- Silver and bronze placements in a regional start-up competition.
- Planning a fictional company, creating a business plan, conduct SWOT and other market analyses, designing and developing a company website.

3rd Place at the Mathematical Team Competition at University of Bonn

2020

- Bronze placement at the mathematical team competition at the University of Bonn, solving a series of topic-based math challenges.

VOLUNTEERING

Malteser Hilfsdienst e.V. (Civil Defense Unit)

Apr 2023 - present

- As part of the command unit, I assist in commanding operations within the emergency unit during disasters and emergencies.