

CURRICULUM VITAE Jeremy Heißenberger

Personal Details

| | |
|----------------|---|
| Name: | Jeremy Nicolas Heißenberger |
| Address: | Wagnergasse 12, 2620 Neunkirchen, Austria |
| Phone: | +43 (0) 677 615 636 86 |
| Email: | jeremy.heissenberger@gmail.com |
| Nationality: | Austrian |
| Date of Birth: | November 29, 2004 |
| GitHub: | https://github.com/jerenic |
| Website: | https://jheissenberger.dev |



Professional Profile

Motivated aspiring **software developer with a focus on Java backend and modern web technologies**. Practical experience in developing microservices and reactive frontends through intensive university projects. I am currently seeking an internship or junior position to apply my knowledge in professional CI/CD environments and deepen my skills in real-world applications.

Professional Experience

07/2023 – 03/2024 **Alternative Civilian Service** at Austrian Red Cross – Lower Austria

- Supported emergency medical and patient care services
- Communicated effectively with patients and team members
- Handled challenging and high-pressure situations

Education

Since 08/2024

Bachelor studies in “Software Engineering & Networked Systems” at University of Applied Sciences Burgenland – Campus Pinkafeld

Focus areas:

- Software Engineering & Object-Oriented Programming
- Web/IoT & Networked Systems
- DevOps & Software Lifecycle
- IT Security

Expected graduation: Bachelor of Science – June 2027

09/2015 – 06/2023

High School at Bundesgymnasium Neunkirchen

Graduation: Matura (Passed with Merit) – June 2023

Hands-on Projects

- **Further Development of gAmIcode – Gamified Learning Platform** – ongoing
Description: Conceptual and technical redesign of a programming task platform towards a modular, extensible architecture
Tech-Stack: JavaScript (Backend), React (Frontend), MongoDB, Docker
Focus: Development of an automated evaluation system for Java (Unit Tests) and SQL, alongside containerization of execution environments
- **Webshop Microservices – Full-Stack E-Commerce System**
Description: Development of a modular webshop architecture with separated services for inventory and order management
Tech-Stack: Spring Boot, REST, PostgreSQL, Docker, Maven
Focus: Implementation of Quality Gates (Checkstyle, PMD, SpotBugs) and an automated CI/CD Pipeline to ensure high code quality
- **Distributed Sensor System – Cloud & Mobile Integration**
Description: End-to-end system for collecting and visualizing sensor data via microservices
Tech-Stack: Spring Cloud (Eureka, Gateway), JWT Auth, Angular, Android (Capacitor)
Focus: Secure backend-to-client communication and real-time visualization using Chart.js
- **ActiveTogether – Reactive SPA for Course Management**
Description: Single Page Application (SPA) for the efficient management and registration of sports courses
Tech-Stack: Angular (v17+), Signals, RxJS, Angular Material, Bootstrap
Focus: Modern State Management with Signals and a responsive UI design for optimal cross-device user experience
- **IoT Environment Monitor – Python & MQTT**
Description: Networked measurement system based on the JoyPi experiment kit for monitoring environmental data
Tech-Stack: Python, MQTT (paho), Raspberry Pi GPIO, REST Integration
Focus: Reliable Pub/Sub Messaging for transmitting sensor data to a central monitoring system

Technical Skills

- **Backend:** Java (Spring Boot, Cloud, Security), JavaScript (Node.js), Python, C#, PostgreSQL, MongoDB, JPA / Hibernate, REST APIs, JWT
- **Frontend:** Angular (RxJS, Signals), React, TypeScript, SCSS
- **DevOps & Tools:** Git, Docker, CI/CD, Jira/Confluence, MQTT
- **Methods:** Scrum, Kanban

Languages

- German – native
- English – highly proficient
- Spanish – basic knowledge

Additional Skills

- Driver's License – Class B

Hobbies & Interests

- New Software Technologies & Virtual Reality
- Fitness & Motorsport Simulation
- Family, Friends & Travel