

# Henry Richter

+49 17657 660097 | [hr.richterhenry@gmail.com](mailto:hr.richterhenry@gmail.com) | [github.com/h3nryc0ding](https://github.com/h3nryc0ding)

## EDUCATION

### Dresden University of Technology

*Diploma in Computer Science*

- Expected Graduation: *Oct 2026*
- Grade average: 1.5 (German grading, 3.7–4.0 GPA)

Dresden, Germany

*October 2021 – Present*

### Grammer School

*General Higher Education Entrance Qualification (Abitur)*

Freital, Germany

*July 2013 – June 2021*

## EXPERIENCE

### Associate Software Developer Intern - Kubernetes

*ServiceNow*

September 2024 – March 2025

*Dublin, Ireland*

- DevOps: Refactored integration test pipeline to improve speed by 20% and improve accuracy.
- Kubernetes: Flux Deployments using helm charts
- Kubernetes: Ansible deployment pipeline
- Tooling: Go authentication package

### Full-Stack Developer Working Student

*Uniwunder*

October 2022 – October 2024

*Dresden, Germany*

- Frontend: Utilized Angular with TypeScript and RxJS to create dynamic and responsive web interfaces.
- Backend: Leveraged Spring Boot with Kotlin, Hibernate, and JPA for robust server-side solutions.
- Mobile: Ported parts of the frontend to ios and android using Ionic, enhancing accessibility across devices.
- DevOps: Set up a build and deployment pipeline to streamline development processes of the mobile application.
- Implemented push notifications using Firebase Cloud Messaging, improving user engagement and retention.

### First-Level-Support Working Student

*Jungheinrich*

June 2021 – September 2022

*Wilsdruff, Germany*

- Provided on-site setup and support for both hardware and software, ensuring optimal system performance.
- Configured and set up workplace environments to facilitate efficient workflows.
- Created and maintained MS Excel macros to automate tasks and improve productivity.
- Utilized tools such as a custom ticketing system and MS Active Directory for effective issue tracking and user management.

## PROJECTS

### Fullstack Bare Metal Deployment | *Spring Boot, SvelteKit, Keycloak, Docker, Kubernetes, Helm, Github Actions*

- Engineered a full-stack web application, leveraging Spring Boot and SvelteKit, deployed on an Oracle-hosted Ubuntu VM for optimal performance and control.
- Established a robust microk8s cluster to seamlessly deploy and manage the application, enhancing scalability and reliability.
- Configured and deployed Keycloak as an OAuth2 provider, enabling Single Sign-On and identity brokering.
- Incorporated SSL encryption using Let's Encrypt and Cert-Manager to ensure secure data transmission and protect user information.
- Utilized Github Actions to automate efficient CI/CD pipeline that automates the processes of linting, testing, building, and deploying the application, significantly reducing manual intervention and potential errors.

## TECHNICAL SKILLS

**Languages:** Kotlin, Java, Python, SQL, JavaScript/TypeScript, HTML/CSS

**Frameworks:** Spring Boot, Hibernate, Angular, Ionic, Firebase Cloud Messaging

**Developer Tools:** Git, GitHub Actions, Bitbucket Pipelines, Docker, Kubernetes, JetBrains IDEs, VS Code