

Mathieu Heinrich

Software Engineer

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[LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Software Engineer with 2+ years of hands-on experience across web and mobile. Core strengths in backend with Java (Quarkus) and cross-platform mobile with Dart/Flutter. Clean APIs, test automation & CI/CD, and modern frontends (React/Next.js). Cloud-native mindset with Docker/Kubernetes, fundamentals of distributed systems, and observability (logging/tracing).

WORK EXPERIENCE

Software Engineer

Oct 2024 – Present

[Medidata AG, Root D4](#)

Backend & systems engineering in Java (Quarkus); designing and implementing REST APIs; containerization with Docker/Kubernetes; test automation (E2E/integration) and CI/CD pipelines; agile collaboration with focus on code quality and reliability.

Apprentice Application Development

Aug 2022 – Jul 2024

[Supercomputing Systems AG, Zurich, Switzerland](#)

- Contributed to software development for ticket machines
- Developed frontend and backend solutions for over 1,500 ticket machines and sales devices across Switzerland
- Ensured user-friendliness and high quality of software used daily by thousands of travelers
- Actively participated in the Scrum development team; recognized for commitment and quick comprehension
- Successfully completed project work through technical skills, professional work ethic, and proactive attitude

EDUCATION

IT Specialist EFZ, Application Developer

Aug 2020 – Jul 2024

[WISS School, Bern | Zurich](#)

TECHNICAL SKILLS

Programming Languages: Java, TypeScript, Dart, PHP

Frontend Technologies: HTML5, CSS, React, Next.js, Flutter, Vaadin

Backend Technologies: REST APIs, Node.js, Express, Quarkus, PostgreSQL, Oracle, Docker, Microservices

Tools and Frameworks: Linux, Git, GitHub Actions, CI/CD, Vercel, Tailwind CSS, Kubernetes, OpenShift, Docker Compose, Observability (Logging/Tracing)

AI & Machine Learning: TensorFlow, Claude API, Data Analysis, Prompt Engineering

LANGUAGES

German: Native (C2) | English: Fluent (C1) | French: Basic (A2)

VOLUNTEER WORK

J+S Coach Youth Course

Since March 2023

[Kanu Club Lucerne, Lucerne](#)

As a J+S coach, I teach children & teenagers how to kayak and stay safe on the water.

INTERESTS

Sport: Kayaking, Bouldering & Climbing | Culture: Reading English and American books | Travel: South East Asia, Scandinavia, Europe, North America