

Niklas Haiden

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SUMMARY

Software Engineer with experience in frontend and backend development, microservices, and cloud-native infrastructure. Currently building intellectual property applications at the Austrian Patent Office using React, Next.js, Tailwind CSS, PostgreSQL, and Kubernetes. Interested in software architecture, platform engineering, and cloud computing.

SKILLS

- **Languages:** Java, Kotlin, TypeScript, JavaScript, Python, HTML, CSS
- **Frontend:** React, Next.js, Tailwind CSS
- **Backend:** FastAPI, Spring Boot
- **Databases:** PostgreSQL, MySQL
- **Cloud & DevOps:** Kubernetes, Docker, Argo CD, Nginx, Caddy

WORK EXPERIENCE

Software Engineer

Jan 2024 — Present

Austrian Patent Office

Vienna, Austria

- Develop the SeeIP v3 application for viewing trademarks, patents, and designs.
- Design and implement a microservices architecture to separate protection-right domains into independently deployable services.
- Build frontend features using React, Next.js, and Tailwind CSS.
- Deploy and manage services in Kubernetes in a cloud-native environment.
- Develop internal tools for reusable text blocks and data distribution across internal systems.
- Work with PostgreSQL and support Kubernetes infrastructure setup.

Civilian Service, Emergency Medical Transport

Sep 2022 — May 2023

Arbeiter-Samariterbund Niederösterreich

Purkersdorf, Lower Austria

- Transported patients safely to hospitals, medical appointments, and care facilities.
- Supported emergency and rescue operations in a healthcare transport setting.
- Worked in high-responsibility situations requiring reliability, communication, and calm decision-making.

PROJECTS

Maintainer & Creator, Aurora (getaurora.dev)

Apr 2024 — Present

- Created and maintain an atomic Linux operating system based on Fedora, focused on usability and desktop experience.
- Contribute to the Universal Blue ecosystem alongside related projects such as Bazzite and Bluefin.
- Support a user base of approximately 2,500 users and distribution traffic of around 7 TB per week.
- Maintain the project website and documentation.
- Coordinate design contributions, including custom wallpapers and branding assets.

EDUCATION

FH Joanneum University of Applied Sciences

Kapfenberg, Styria

BSc in Software Design & Cloud Computing (Part-Time)

Sep 2025 — Present

- Coursework: Programming in Python, Data Structures and Algorithms, Databases, Mathematics for Informatics

HTBLVA St. Pölten

St. Pölten, Lower Austria

Department of Informatics

Sep 2017 — Jun 2022

- Coursework: Databases, Data Structures, Programming in Java