

Tiara Lena Hock

Software Developer with Open Source in their heart

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📍 Germany

🐙 github.com/ByteOtter

WORK EXPERIENCE

SUSE Software Solutions GmbH

Apprentice Software Engineering

Sep 2022 - Feb 2025

- Completed 3-year apprenticeship
- State-certified software engineer
- Extensive experience in participating in Open-Source projects in a commercial setting
- Extensive experience using various Linux distributions as main operating system for software development

EDUCATION

Kronberg Gymnasium Aschaffenburg

A-Level - 3.0 GPA

March 2017

- Completed "Abitur" Certificate
- English C1
- Completed Latinum and Graecum certifications

PROJECTS

Nazara

Jun 2023 - Present

- Rust CLI application for automatic system registration with NetBox IPAM tool
- Use of REST API with complex data structures
- Creation of supporting libraries and software tools
- RPM packaging
- github.com/The-Nazara-Project/Nazara

isotest-ng

Mar 2024 - Sep 2024

- Reimplementation of openQA core 'isotest' module in Rust
- Use of Rust's asynchronous programming features to create libraries for VNC connection and data transfer
- Using the VNC protocol to send user input and receive images to/from test worker
- github.com/os-autoinst/isotest-ng

cobbler-tftp

Mar 2023 - Jun 2023

- Stateless TFTP-server daemon to issue boot configuration files via Cobbler
- Implementation of CLI frontend and configuration parser module
- Implementation of code quality CI and test automation
- Setup of automatic documentation deployment to readthedocs.io using the Sphinx framework
- github.com/cobbler/cobbler-tftp

SKILLS

Python ●●●●●

Docker ●●●●●

Rust ●●●●●

Bash ●●●●●

- Experienced in managing smaller FOSS projects
- Experienced in GitHub CI automation
- Experienced in the use of the Git version control system
- Experienced use of Linux distributions (especially SUSE Linux)
- Confident in working within agile paradigms (SCRUM/Kanban)
- Confident interaction with upstream maintainers and contributors
- Fundamentals of containerization with Docker
- Fundamentals of RPM-Packaging