

Tiara Lena Hock

Software Engineer with Open Source in Her Heart

✉ tiara.dev@proton.me

📍 Nuremberg, Germany

🐙 github.com/ByteOtter

WORK EXPERIENCE

B1 Systems GmbH

Junior Software Developer Linux/Open-Source

Feb 2025-Present

SUSE Software Solutions Germany GmbH

Apprentice Software Engineering

Sep 2022 - Feb 2025

- Successful completion of 2,5 year apprenticeship
- State-certified software engineer
- Contributions to open source projects in an enterprise environment
- Automated the registration process of prototype hardware in IP address management tools
- Created Proof-of-Concept in regards to performance and maintenance improvements of openQA
- Applied behaviour driven development concepts using the Cucumber framework for SUSE Manager
- Extensive experience using SUSE Linux distributions as main operating system for software development

PROJECTS

Nazara - (github.com/The-Nazara-Project/Nazara)

Jun 2023 - Present

- Rust CLI application for automatic system registration with NetBox IP address management tool
- Use of REST API with complex data structures
- Design and implementation of custom configuration parser and translation logic of application data into API representation
- Creation of supporting libraries and software tools according to emerging requirements
- Self-organized project delivery

isotest-ng - (github.com/os-autoinst/isotest-ng)

Mar 2024 - Sep 2024

- Proof-of-Concept re-implementation of openQA's core 'isotest' module in Rust
- Use of Rust's asynchronous programming features to create libraries for VNC connection and data transfer

cobbler-tftp (github.com/cobbler/cobbler-tftp)

Mar 2023 - Jun 2023

- Stateless TFTP server daemon to issue boot configuration files via the Cobbler Linux deployment server
- Implementation of a CLI front-end and a configuration parser module
- Implementation of a code quality CI and test automation
- Setup of automatic documentation deployment to readthedocs.io using the Sphinx framework

EDUCATION

Kronberg Gymnasium Aschaffenburg

Abitur (A-Level/SAT equivalent) - 3,0

March 2017

- English C1
- Completed Latinum and Graecum certifications

SKILLS

Python ●●●●●

Rust ●●●●●

Git ●●●●●

- Proficient in managing smaller FOSS projects
- Proficient in GitHub CI automation
- Proficient use of Linux distributions (openSUSE, KDE Neon, Garuda)
- Confident in working within agile paradigms (SCRUM/Kanban)
- Confident interaction with upstream maintainers and contributors
- Experienced in containerization with Docker and Docker-Compose
- Basics of C and Bash Programming languages
- Fundamentals of RPM packaging using the Open Build Service (OBS)