

Nico Preuss



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About me

Ever since I got a GameBoy Advance as a kid, I wanted to know how the heck it's possible to write programs running on it. Now, nearly 2 decades later, I'm working as a software engineer, writing software for the OG GameBoy on the side.

I'm overall interested in anything that makes the silicone do something.

Professional Experience

Software Engineer **Jul 2021 - Present**

The Mobility House GmbH

- Developing and maintaining a micro-service, multi-language architecture; which includes deploying and monitoring it on thousands of IOT devices.

Examples of my contribution to the services:

- Providing a stable message routing and proxying for ocpp messages over websockets.
- Setting up local Transport Layer Security for IOT devices.
- Streamlining the networking communication to ocpp chargers.
- Enabling the usage of network-proxy servers for restricted network setups.

Software Engineer

Jan 2021 - Jul 2021

COSMO CONSULT GmbH

- Providing solutions for customer problems inside the Microsoft Business Central ecosystem.

Junior Softwaredeveloper

Aug 2019 - August 2020

Mackevision Medien Design GmbH

- Developing and maintaining realtime infotainment applications using the Unreal Engine and C++.

Auszubildender Fachinformatiker

Aug 2016 - August 2019

Mackevision Medien Design GmbH

- Maintaining and improving Qt-based Desktop applications.
- Developing and maintaining realtime infotainment applications using the Unreal Engine with C++ and the Unity Engine with C#.
- Various features, scripts and pipelines in a broad range of topics.

Education

Fachinformatiker in der Anwendungsentwicklung

2016 - 2019

it.schule

Stuttgart

Abitur

2008 - 2016

Hermann-Hesse-Gymnasium

Calw

Skills

Programming Languages: 🐍 Python, 🦀 Rust, 🇨 C, 🐚 Bash,

Tools and Frameworks: Linux, Git, Docker, Balena, nginx, opentelemetry

Concepts and Topics: Micro-Service Architecture, WebSocket communication, TLS

Languages: English (fluent), German (native)

Releases

Sudoku 4-ever

Endless sudoku fun for the gameboy

GeBook

Read your favourite texts on the GameBoy