Henry Gressmann

Full-stack Software Engineer

- Berlin, Germany
- +49 1786911914
- mail@henrygressmann.de
- https://henrygressmann.de

Skills

Backend Development
Rust, Node.js, Golang, Python

Web Development
TypeScript, CSS, React, Web Security

Cloud
Linux, Docker, Containers

Mobile Apps
PWAs, React Native

Profiles

- explodingcamera
GitHub

- henrygressmann
LinkedIn

- blog.henrygressmann.de
Blog

- henrygressmann.de/work
Portfolio

Certifications

Machine Learning
Stanford University on Coursera
August 2017
- cousera.org

CS50
edX HarvardX
January 2016
- edx.org

Languages

German

English
C2 Proficiency

I'm a Software developer with 6 years of experience, specializing in Rust and developer tooling. Began my career in web development in 2016, with a strong commitment to open-source projects. Eager to leverage my expertise in Rust and React to develop innovative tools and contribute to the growth of open-source communities.

Experience

Henry Gressmann Software Engineering
September 2021 - Present
Freelance Software Engineer
Berlin

I've worked with a variety of clients, focusing on React and React Native projects.

canX GmbH
Juli 2017 - 2024
Co-Founder & Head of Engineering
- https://canx.gmbh

Education

CODE University of Applied Science
2019 - Present
Software Engineering
Bachelor of Science
- https://code.berlin

Berufliche Schulen Bebra
2017-2019
Design and Media Technology
Abitur

Projects

TinyWasm
November 2023 - Present
- https://github.com/explodingcamera/tinywasm

TinyWasm is a lightweight WebAssembly Runtime written in Rust. It fully supports WebAssembly 1.0 with an emphasis on being portable with a lightweight architecture and minimal external dependencies.

Rust, WebAssembly

pog.network
2021-2022
- https://github.com/pognetwork/champ

A novel eco-friendly peer to peer network. I managed a team of 3 other developers and designed the protocol.

Rust, Networking, P2P

canX.org
2017-2020

I managed a team of 2 other Developers, designed a micropayment solution, and created our microservice architecture, custom multimedia player, and video CDN

React, React Native, Golang, gRPC