





Clemens Horn

Passionate Web Developer building
Scalable and Responsive Applications

 18.08.1997

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 clemenscodes

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SKILLS

Programming	UI/UX
TypeScript, Rust, C	Next.js, Tailwind

API	Databases
Nest.js, Hasura	PostgreSQL

Testing	DevOps
Jest, Cypress	Git, Docker, Kubernetes, Terraform

Automation	Linux
POSIX, Python	Debian, Arch

LANGUAGES

German
Native

English
Fluent

Spanish
Conversational

INTERESTS

Cryptocurrencies
Cardano, Monero

Personal Development
Fitness

EDUCATION

Technische Hochschule Mittelhessen	(01.04.2019 - Present)
Social Media Systems, IT	1.8

A comprehensive and well-rounded degree with a specialization in IT, focusing on building agile as a team and designing, planning, and building applications end to end. This unique program combines the knowledge of social media strategies with the technical expertise of computer science to equip me with a solid foundation in leveraging technology for effective web solutions.

⇒ [thm.de](https://www.thm.de)

Web Based Programming, Algorithms and Datastructures, Database Systems, Architectures of web services, System Programming Concepts, Concepts of modern Software Engineering, Compiler Design, Web Based Information Systems, Operating Systems and Computer Networks, Secure Software Engineering

WORK EXPERIENCE

Technische Hochschule Mittelhessen	(01.08.2019 - 01.02.2022)
Tutor	

- Assisted students in developing programming skills in the web-based environment
- Reviewed and provided feedback on students' coding assignments and projects

⇒ [thm.de](https://www.thm.de)

VOLUNTEER EXPERIENCE

Albert-Schweitzer-Kinderdorf	(01.09.2018 - 01.03.2019)
Volunteer	

⇒ [ask-hessen.de](https://www.ask-hessen.de)

PROJECTS

Portfolio

Responsive and modern portfolio.

My portfolio offers a modern and dynamic web experience for visitors to explore my expertise and accomplishments. It combines the benefits of a robust frontend framework, a versatile UI toolkit, a powerful monorepo structure, and a type-safe language.

⇒ clemenshorn.com

Next.js, Tailwind, Storybook, Nx, TypeScript

Simple Crypto

An informative web page that bridges the gap between complex cryptocurrency concepts and their environmental implications.

Valuable for individuals seeking a better understanding of cryptocurrencies while emphasizing the ecological challenges they pose.

⇒ simple-crypto.web.app

JavaScript, Sass

Ninja Virtual Machine

The virtual machine for the Ninja programming language is a powerful and efficient execution environment designed to interpret and run Ninja code.

⇒ github.com/clemenscodes/njvm

C, Assembly, CMake, Ninja

Cardano CLI

The CLI allows efficient management of Cardano utilities and simplifies the process of installing a Cardano node.

⇒ github.com/clemenscodes/cardano

Rust, Cardano