

JACOB TIERRY

Python | Rust | Web3 Engineer

+49 163 8377229

@ bch.devtech102@gmail.com

https://linkedin.com/in/jacob-tierry-a62240323 Frankfurt am Main, Germany

EXPERIENCE

Senior Full Stack Engineer

Uteek

08/2022 - 12/2023 Remote

- Led a team of engineers in designing and developing high-performance full-stack applications using Rust, Python, and modern frontend frameworks.
- Spearheaded the adoption of Django and React to build responsive, interactive user interfaces that drive engagement.
- Architected and implemented blockchain-based solutions, focusing on smart contracts, decentralized applications, and secure transactions across Bitcoin and Ethereum.
- Optimized backend services for scalability and speed, using Golang and Node.js to handle large volumes of data and transactions.
- Mentored junior developers and conducted code reviews to uphold best practices and ensure high-quality code across the team.

Full Stack Developer

Web Activ

11/2020 - 06/2021 Remote

- Contributed to 8 GitHub repositories, maintaining a 92% code accuracy rate and consistency in meeting deadlines across team projects.
- Engineered full-stack solutions using TypeScript, Rust, and Python for scalable web applications.
- Developed and optimized responsive frontend interfaces with React, ensuring seamless user experiences across devices.
- Integrated blockchain technologies, including Bitcoin and Ethereum, to support secure, decentralized applications.

Back End Developer

Xsure

10/2017 - 04/2019 Remote

- Developed and maintained backend services using Python and Rust, ensuring high performance and scalability.
- Designed RESTful APIs and microservices, leveraging Golang and Node.js for efficient data processing.
- Collaborated with frontend teams to align backend functionalities with UI/UX requirements.
- Implemented robust security protocols and data encryption to safeguard user information.

EDUCATION

Bachelor's degree, Mathematics and Computer Science

Nanyang Technological University Singapore

09/2012 - 03/2016

SUMMARY

I'm a passionate Full Stack Engineer specializing in Rust and Python with a strong foundation in both frontend and backend development. I have a proven track record of creating seamless and user-friendly applications that address complex business needs. My skill set includes everything from crafting intuitive UIs to building robust, scalable backends, particularly in the realm of blockchain-based apps. My tech stack features Rust, Python, modern frontend frameworks, and cutting-edge web technologies. I'm committed to continuous learning (currently exploring WebAssembly) and enjoy staying on top of industry trends, hiking and finding new coffee spots in Berlin city.

LANGUAGES

Chinese

Native



English

Proficient



SKILLS

Rust/Rocket/Leptos

Python/Django/Flask

Go/Golang

C/C++

JavaScript/TypeScript

React.js/Next.js

Node.js/NestJS

Web3.js/Ether.js

Motoko

Solidity/Hardhat

MySQL/GraphQL/PostgreSQL