Philipp Bolte

- GitHub
- LinkedIn
- Leipzig, Germany
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Born 26.03.1998

ABOUT

Full Stack Software Engineer with expertise in blockchain and decentralized technologies, blending established and web3 solutions to tackle real-world challenges. I focus on creating scalable, robust solutions with a pragmatic, product-first approach. Looking to work on the next big thing with a cool team.

WORK EXPERIENCE

March 2022 – Today

Full Stack Software Engineer

Spherity GmbH

- Co-architected and developed CARO.vc, a B2B DSCSA SSI wallet, implementing a dashboard, Stripe and Gleap integrations for enhanced payment and customer management, and mobile support alongside smaller features.
- Led Ethereum-based blockchain innovations, setting the direction for SSI features and integration with the Open-Credentialing Initiative (OCI). This includes writing and negotiating changes to OCI standards for digital wallets.
- Co-authored ERC-5539 "Revocation List Registry" and ERC-7506 "Trusted Hint Registry," with ERC-7506 becoming pivotal for verifying issuers within the ecosystem.
- Developed a smart contract, TypeScript library, and a Gnosis-connected frontend for ERC-7506, enabling ecosystem-wide voting on trusted issuer management.
- Stack: NestJS, Veramo, Auth0, Prisma, Jest, Vitest, React, Next, Tailwind, Cypress, Typescript, Solidity, Foundry, Viem, GitHub Actions, Terraform, Fly.io, Crunchybridge

March 2019 – May 2020

Working Student

Boston Consulting Group GmbH, BCG Platinion, Blockchain Chapter

- Conception, development and presentation of Blockchain PoCs for various sectors
- Stack: Ethereum, Solidity, web3.js, Hyperledger Fabric

EDUCATION

Sep 2019 – Nov 2021

Master of Science in Business and Information Systems Engineering

Brandenburg University of Applied Sciences
- GPA: 1.0 (Best of Year)
- Thesis: "Self-sovereign Identity: Development of an Implementation-based Evaluation Framework for Verifiable Credential SDKs" (1.0)

SKILLS

Languages
German – mother tongue
English – fluent

Programming
Typescript, Javascript, Swift, Python, Java

Some Projects
Oscar Weather iOS SwiftUI app (WIP rewrite), ServerlistMOTD minecraft server plugin (>100k downloads), bolte.id, BTTV for Safari, Twitter follower graphs of Grüne and AfD

ADDITIONAL INFORMATION

Driving licence
Class B

Interests
Photography, Jogging, Development