

Christoph Griehl

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Experience

Freelancer

Feb. 2020 – Present

Self-employed

- Build a webcomponent library used by hundreds of developers and thousands of active users (Typescript, Lit, semantic release; Testing: Playwright, Chai, Mocha).
- Web3 smart contract financial platform (DeFi) to trade synthetic stocks by borrowing against collateral (Solidity, Hardhat, TheGraph, Next.js, Ethers).
- Frontend Lead for a SaaS startup in crypto taxation and finance data visualization (Frontend: Next.js, Apollo Client, themed Material UI; Backend: AWS, Serverless, GraphQL, MongoDB, Redis, BullMQ; Testing: Jest).
- Implementation of an iOS application prototype with modern Swift (Frontend: Swift with SwiftUI).
- Management of online presence, marketing, and customer growth for a local Taiwanese restaurant (WordPress, PHP, SQL, Google Ads, Google Business, Google Analytics).

Senior Fullstack Developer

Jan. 2023 – Present

Premium GmbH (Nest.js, Hasura, AWS, React, Cypress)

- Developed end-to-end features on AWS infrastructure to deliver ESG solutions for major real estate companies in Germany and Austria.
- Accompany the startup growth from a dozen employees to a Series A funding round of 13 million euros.
- Saved thousands of engineering hours by implementing ephemeral QA environments, end-to-end internationalization systems, robust software testing, and streamlined operational pipelines.

Fullstack Developer

2019 - Jan. 2023

Wandelbots GmbH (Ionic, PWA, gRPC, Docker, Kubernetes) and previous

- Interface with industrial robotics software and develop an abstraction layer around it.
- Design, develop, deploy and maintain a greenfield cross functional mobile application.
- Drive forward approaches of managing distributed systems and test driven development / CI.
- Maintenance of a complex legacy SaaS product, Skolar, used by hundreds of users.

Projects

Apollon [🔗](#) aka [jAssets](#) [🔗](#)

- A web3 platform enabling the trading of synthetic stocks against collateral via two distinct dApps interfacing with smart contracts.
- Achieved a total value locked of \$600k within one month.

Chain Report [🔗](#)

- A crypto asset management platform for tax report generation, compatible with all major crypto exchanges.

Web3 Arbitrage Bots [🔗](#)

- Harvests discrepancies between decentralized exchanges and centralized exchanges on the networks Sei, Sui, and Solana.

Technical Skills

Languages: Typescript/Javascript, Swift, SQL, GraphQL, HTML/CSS, Solidity, German (native), English (fluent), Chinese (conversational)

Frameworks: Node (Nest, Express), Angular, Next, Gatsby, ReactNative, Svelte, Flutter, Lit, WordPress

Developer Tools: Git, Github/BB/ADO, Jira, Linux, Docker, Kubernetes, AWS, Serverless, Github Actions

Libraries & Others: React, React-Testing-Library, Hasura, Jest, Playwright, Cypress, Material-UI, MongoDB, Ionic, Stencil, Apollo Client, gRPC, Hardhat, TheGraph, Ethers