

# Alex Harley

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## Work Experience

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### Partner | Engineering

March 2020 - Present

cLabs - Berlin, Germany

- Working across all areas of the stack (primarily protocol primitives), including but not limited to frontend, backend, infrastructure and smart contracts
- Implemented a novel and possibly patent worthy privacy preserving storage implementation. Over a public database users are able to transact with others in a way that maintains receiver privacy. Now powers many parts of the Celo protocol
- Tech lead on a project distributing COVID-19 relief to 1000+ affected families in the Philippines. Pilot went without a hitch and disbursement dashboard re-purposed for other projects
- Primary takeaways: Ethereum, Solidity, Celo, cryptography, TypeScript, Go, applicable privacy, signature specifications.

### Founder

January 2020 - Present

Portabella Inc. - Berlin, Germany

- Built and marketed a privacy preserving, end-to-end encrypted project management platform
- Ran marketing campaigns and analysed returns on major platforms like Twitter and Reddit
- Primary technologies and takeaways: React, TypeScript, PostgreSQL, encryption and signature specifications, marketing knowledge.

### Software Engineer

January 2018 - March 2020

DataWallet GmbH - Berlin, Germany

- Joined as engineer no. two and worked as a full stack developer handling everything from infrastructure in Terraform to building out our UI component library
- Launched a mainnet Proof of Authority Cosmos blockchain network with semi-automated cluster deployment and hosted key management
- Released a browser extension capable of scraping social media data, encrypting it locally and exposing it via a GraphQL API with accompanying SDK
- Primary takeaways: Node.js, Go, Docker, Ethereum, Cosmos, Terraform, PostgreSQL, browser extensions, Redux.

### Software Engineer

November 2016 - January 2018

deepstreamHub GmbH - Berlin, Germany

- Joined as engineer no. three after contributions to the open source code base I had made were recognised
- Built out the hosted cloud offering (SaaS) and continued implementing features on the open source code bases (SDKs, connectors and core server)
- Primary technologies and takeaways: Node.js, TypeScript, PostgreSQL, Terraform, AWS, realtime communication, payment integrations, performance optimisation

## Education

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### Bachelor of Science in Computer Science

January 2014 - November 2016

University of Auckland - Auckland, New Zealand

- Courses of note: Applied Algorithmics, Distributed Systems, Operating Systems, Fundamentals of Database Systems, Algorithms and Data Structures, Computer Systems I & II, Enterprise Software Development and Software Construction.