Alan Le

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SKILLS

Design Software: Figma, Photoshop, After Effects
Technical Experience: Typescript, Javascript, React, Solidity, NextJs, Ethers, Rust, Java, Python, GraphQL, Apollo, SQL, AWS, Golang, CosmosSDK

EDUCATION

San Jose State University   **Graduated Dec 2021**
Software Engineering, B.S.

WORK EXPERIENCE

Cypher Protocol (https://www.cyphersecurity.xyz/)   **Jul. 2022 – Present**
Fullstack Developer
- Built a robust frontend dashboard and landing using NextJs, ReactJs, RainbowKit, and Wagmi Ethereum hooks
- Collaborated with international talent to design product branding to sell to users a story of relief from hacks
- Consulted with potential clients in the industry to steer the product and scope out deliverables
- Performed extensive research on common exploits, high profile hacks, and existing solutions to save billions
- Developed a suite of smart contracts in Solidity to tackle common pitfalls with a focus on vulnerability coverage
- Utilized existing solutions like Push Protocol in conjunction with subgraphs for on-chain notifications
- Integrated rate limiting functionality without compromising on interoperability or introducing excessive friction

Real3   **Apr. 2022 – Jul. 2022**
Lead Web3 Fullstack Engineer
- Used an understanding of the fullstack to lead development of key features and architecture of the product
- Collaborated with the design team to tackle UX concerns that are profound in the broader crypto ecosystem
- Wrote smart contracts interfacing with popular token standards and multi-chain DEXes
- Utilized LayerZero and Stargate protocols to abstract the complexity of bridging cross-chain from the consumer
- Developed a scalable GraphQL API backend using NestJS, Prisma, Serverless, and AWS Lambda
- Leveraged the OpenSea Seaport protocol to focus on discovering PMF and reducing delivery by over 100%
- Streamlined engineering tasks and deliverables with PR workflows in Linear to increase efficiency by over 50%

ZenSwap (https://www.zenswap.xyz/)   **Jul. 2021 – Jan. 2022**
Fullstack Developer/Solidity Engineer
- Built a Web3 frontend with modern libraries like NextJs, Tailwind, React, Typescript, Ethers, and Zustand
- Designed and prototyped the user interface in Photoshop and Figma
- Wrote smart contracts in Solidity enabling OTC peer to peer NFT trading
- Interfacing with popular token standards and other audited contracts from Solmate and OpenZeppelin
- Utilized a deep understanding of the Ethereum Virtual Machine (EVM) to optimize savings for end user
- Implemented a full test suite to test common security flaws and contract logic in Foundry testing framework
- Integrated The Graph protocol to build subgraphs, query onchain data, and interact with mock smart contracts

HOBBIES & INTERESTS

- Music production, anime, blockchain and EVM, and graphic design