Henry Hein
Software Engineer

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SUMMARY

I am a former electronics engineer from Canada with four years of professional experience, and three years as a software developer currently seeking a Frontend Developer position. Since 2018, I have been actively involved in the crypto space, exploring various DeFi apps, CEXs, DEXs, perp exchanges, NFTs, and cross-chain bridges. I'm eager to leverage my passion for crypto to drive innovation and adoption at the frontier within a dynamic team.

SKILLS

- Typescript
- React
- React Query
- Git
- GraphQL
- NodeJS
- Webpack
- Mobx
- CSS/SCSS
- Websocket
- Javascript
- Scrum/Agile
- Jest unit test
- Figma
- CI/CD process
- Defi, Web3

PROFESSIONAL EXPERIENCE

DERIV   **Cyberjaya, Malaysia**
Frontend Developer   **Oct 2022-Present**

Working as a frontend developer responsible for maintaining two trading platforms and a chart library with lots of daily active users in React, Typescript, Websocket API, Mobx, Javascript, JQuery, and Jest. I am actively involved in implementing CI/CD practices to ensure seamless code integration, testing, and deployment.

- Collaborated with cross-functional teams in a Scrum/Agile environment to launch a new trading contract generating $2M in weekly volume and $500K profit in 5 months
- Engineered new reusable components in the design systems using React, TypeScript, and Storybook; ensured alignment with Figma designs and achieved 95% unit test coverage in Jest & React Testing Library
- Facilitated comprehensive code reviews, delivering actionable feedback and suggestions; improved adherence to coding standards and identified potential bugs, enhancing code quality and reducing bug-related incidents

BLUECOL   **Remote**
Frontend Developer   **Mar 2022-Oct 2022**

Worked as a contractor to design and develop B2B invoicing SaaS web app that consists of React, Next.js, Apollo, GraphQL, KeystoneJS, and Git.

- Wireframed, designed, and programmed mobile responsive UI/UX of the application while maintaining brand consistency
- Refactored code to improve readability and created reusable components for faster development in Next.js
- Wrote GraphQL queries and mutations to create API that interacts with client-side code

SIDE PROJECTS

CRYPTO CROSS CHAIN PAYMENT GATEWAY   **Apr 2024-Present**

Currently developing a dapp that integrates Lifi multi-chain liquidity aggregator API to fetch chains/tokens from EVM. Jupiter API for tokens and perform swaps on Solana using React, Typescript, Vite, and React Query.

EDUCATION

SIMON FRASER UNIVERSITY   **Vancouver, Canada**
Bachelor of Applied Science, Electronics Engineering   **2012-2017**

NOTABLE INFORMATION

GCPBoleh Season 6   **Apr 2024**
- Participated in GCP self-study event and took advantage of the opportunity to use GCP for AI/ML courses

Sui Overflow Virtual Hackathon   **May-Jun 2024**
Solana Summit APAC Hackathon   **Jun 2024**

INTERESTS

- Kick Boxing, Soccer, Hiking, Trading, Travelling, Basketball