

Andy Johnson

Senior Software Engineer

Cheung Chau, Hong Kong 
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Experienced and results-driven Software engineer with over 6 years of expertise in designing and implementing web applications. Proficient in PHP frameworks such as Laravel and Symfony, as well as front-end technologies including VueJS and React. Skilled in database management with MySQL, and well-versed in Linux, DevOps, and AWS environments. Adept leader with strong communication skills, successfully managing cross-functional teams and collaborating with business partners. Notable achievement includes overseeing the implementation of an Energy Community project. Committed to delivering efficient and scalable solutions, with a keen focus on innovation. Seeking opportunities for career progression in a dynamic and challenging environment.

Experience

2023.02 – PRESENT

React Frontend Developer / Wesmart Inc, Brussel

- Spearheaded the implementation of React, Redux, and JavaScript to build and maintain highly performant web applications, leading to a 30% improvement in page load times and a 25% increase in conversion rates.
- Orchestrated collaboration among cross-functional teams to design, develop, and successfully launch innovative features; resulted in a 20% increase in user engagement and a 15% boost in customer retention.
- Led the optimization of web applications, utilizing performance testing tools and techniques to achieve maximum scalability and decrease server response time by 50%.
- Performed thorough code reviews for a team of 10 developers, identifying and resolving more than 150 critical bugs and architectural flaws. This led to a noteworthy 40% reduction in production issues and a substantial enhancement in the overall quality of the code.
- Analyzed code, conducted root cause analysis, and collaborated with cross-functional teams to resolve intricate technical issues in existing applications. As a result, system downtime was reduced by 40%, leading to enhanced customer satisfaction and retention.
- Spearheaded the adoption of Git for version control, enabling efficient code management and streamlined collaboration; so a 30% decrease in code conflicts and upgraded overall project delivery timelines.

2020.03 – 2022.12

Full Stack Engineer | Backend Engineer / Lifty, United States

- Designed and implemented the backend system of the protocol and maintain the system with the database using multiple programming languages.
- Managed the AWS cloud platforms for server infrastructure and deployed the automated system.
- Constructed an NFT marketplace platform that facilitates the linkage of game components and digital arts on Ethereum, Polygon and Binance Smart Chain using ERC-721 and ERC-1155.
- Executed various typical NFT marketplace features.
- Designed and implemented Smart Contracts, including auction and sale contracts, utilizing the proxy design pattern for both transfer and service proxies.
- Collaborated with both front-end and back-end developers to provide tools for interacting with smart contracts and contributed to urgent dapp development when necessary.

- Developed a gaming engine infrastructure with NFTs, stored large amounts of data on cloud services, and improved the user experience by upgrading the front-end interface.

2019.02 – 2020.02

Web3 Full Stack developer/ SCUTI JSC, Japan

- Developed smart contracts using Solidity and worked with other blockchain technologies like IPES and Truffle framework.
- Participated in the development of an NFT marketplace using Ethereum blockchain.
- Proficient in implementing security protocols like OAuth, OpenID Connect, and JWT.
- Experience with deploying and managing nodes on Ethereum, Bitcoin, and testnets.
- Collaborated with cross-functional teams and communicated progress to stakeholders.

Skills

JavaScript • SASS/TailwindCSS • TypeScript • React • Next.js • Vue.js • Node.js • PostgreSQL • MongoDB • AWS Services • Solidity • Python

Education

2014.09 – 2018.08

Bachelor of Science (BS) / Shue Yan University, Hong Kong

Activities

Literature • Environmental conservation • Music • Soccer • Swimming

Online Portfolio

<https://princeseniordev.github.io/>