Charles Kao

Web & Blockchain Engineer

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SUMMARY OF EXPERIENCE:

I am a reliable, passionate, and highly motivated self - driven developer, who has a strong background and 6+ years of experience in Blockchain and Web technologies.
I have played a key role in turning start-ups into bigger ones and have had successful track records in a fast growing start up environment.

TECHNICAL SKILLS:

- Frontend: React, Next.js, Vue.js
- Backend: Node.js, Laravel, Django
- AWS: EC2, DynamoDB, Lambda, Transcription, RDS, Elastic IP, CloudFront, S3
- Blockchain: NFT minting, MFT marketplace, DApp, Defi, Solidity, Golang, Web3.js

EMPLOYMENT HISTORY:

Full Stack Engineer
Gosuac (April 2021 – January 2022)

- Established the serverless architecture for Gosuac services.
- Implemented features for the main site and internal site applications using Typescript, React, Next, Python, Node, Prisma, Graphql, Postgresql, zoom sdk.
- AWS services(Cognito, Lambda, SES, Cloudfront, S3, CloudWatch, CloudFormat, DynamoDB).
- Developed Lambda apis based on Node.js, REST APIs based on .NET.

Smart Contract | Web Engineer
PRIVI (May 2020 – March 2021)

- NFT token development by using ERC-721 | ERC-1155 token
- NFT token presale website development based on React.js and Web3.
- Manage the thousands of NFT assets by using IPFS and AWS s3.
- Developed small NFT marketplace provides powerful filtering.
- Deployed on the web3 and maintain smart contract and website.
- Developed whole Defi website and smart contract (Defi protocol: 0X)
- Smart Contract development by using Rust on Solana network
- Implement NFT staking pool on the Defi website.
- Migrate the smart contract from Ethereum to Polygon.

Full Stack Engineer
Public Media Group (July 2019 – February 2020)

- Implement powerful authentication part by using AWS amplify and cognito.
- Worked on the Node.js backend platform and provided Rest APIs.
- Deployed the system to AWS instances.
- Developed video conferencing website by using React CRA and Material UI.
- implementation, following established operations procedures.

Senior React Developer
Nfinity (July 2018 – April 2019)

- Developed CMS, CRM projects from scratch by using React.js CRA.
- Provided the good architecture solution and low latency with high performance solution.
- Worked with the UI/UX developers and Project managers.
- Developed Lumen Rest APIs.
- Implemented the SEO for the SSR React.JS.
- Deployed the services to EC2 instances.

EDUCATION HISTORY:

Nagoya University (Bachelor's degree, Computer Science**)**   **April 2011 – August 2015**