Chang J

Blockchain Engineer, 7+ years experience
Ontario, Canada
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Senior Software Engineer with 7+ years of professional experience in Software Development. Deep understanding of basic software infrastructure and agile development process with solid skills in web, mobile, and blockchain. Agile development, team collaboration, solution resolving, and dedicated contribution are all my strengths and always work creatively while improving my qualities and expertise.

INDUSTRIES: Blockchain

TECHNICAL SKILLS

• HTML	7 years
• PHP	7 years
• MySQL	7 years
• CSS	7 years
• Blockchain	6 years
• Laravel	5 years
• Node.js	5 years
• WordPress	5 years
• MongoDB	5 years
• React Native	5 years & 3 months
• Ethereum	5 years
• Express.js	4 years
• SQLite	4 years
• Smart Contract	4 years
• Next.js	4 years
• Solidity	4 years
• Firebase	3 years
• Storybook	3 years
• PostgreSQL	3 years
• ASP.NET	3 years
• Git	3 years
• Hardhat	3 years
• Truffle	3 years
• Supabase	3 years
• Oracle	3 years
• Redis	3 years
• Web3.js	3 years
• Jest	3 years
• Mocha	3 years
• C	3 years
• JavaScript	3 years
• Python	3 years
• Java	3 years
• C#	3 years

• Golang	3 years
• TypeScript	3 years
• React.js	3 years & 3 months
• Redux	3 years & 3 months
• Vue.js	3 years
• AngularJS	3 years
• Tailwind CSS	3 years & 3 months
• MUI	3 years
• NestJS	3 years
• RESTful APIs	3 years
• Websocket	3 years
• C ++	3 years

SOFT SKILLS

Innovative Solutions, Technical Versatility

PROJECT DETAILS

• Metasalt(NFT Marketplace)

Project Description: NFT marketplace platform implementing Ethereum blockchain
Responsibilities: This is the NFT marketplace platform I've implemented on the Ethereum blockchain. It is similar to other NFT marketplaces but tried to make it similar to Solana's MagicEden. I've implemented smart contracts using solidity and also used web3 API and moralis library.
Technologies: Ethereum , solidity
Industry: Blockchain

• Buffaloswap

Project Description: Integrate Blockchain components with web applications
Responsibilities: Token swap/farming/staking platform, I participated in this project as a solidity developer and implemented the smart contract part.
Technologies: Solidity
Industry: Blockchain

• Artbasel and Wolvesofwallstreet

Project Description: An NFT collection website integration using multiple integrations
Responsibilities: An NFT collection websites and I've implemented them using Next.js and web3 API, and smart contract part has been implemented using solidity and hardhat.
Technologies: next.js and web3 API
Industry: Blockchain

EMPLOYMENT HISTORY

• Blockchain Engineer January-2023 - April-2024

Description: Tech Stack : Solidity, Smart Contract, Truffle/Hardhat, Mocha, Web3JS Building PoC of AI NFT marketplace based on tensor flow and rune engine. Development of react-web3 SDK for utilizing rune on blockchain. Initial setup for a marketplace platform. Research works about multi-chain support. Designed architecture of Katana eco-system on online RPG game market. Development of a project governance token and get audited by Certik. Initiated ideas for extending project to multi-chain. Involved in technical business decisions. Managed team development by agile methodology.

• Solidity Developer April-2020 - September-2022

WEBISOFT

Description: Tech stack : Solidity, Ethereum, Smart Contract, Angular2, GraphQL, Jest, Firebase, Storybooks, Contentful, Santry, TypeScript, JavaScript, Node.js, Express, MongoDB, REST APIs Increased customer rating and satisfaction from 30% to 60% by implementing new ideas in smart contracts for NFT minting with solidity Collaborated with the UX/UI design teams and used various Web APIs such as HTTP, REST, and JSON to improve the website and applications, increasing conversion rates by 25% Created a system consist of swap, pool, staking, lending and borrowing contracts using solidity which improved the company income to 130% Implemented 3rd-party integrations, such as payment and authentication systems Built and maintained strategic relationships with potential investors and business partners and brainstormed new ideas Collaborated with colleagues from other teams to participate in the creation and testing of new software applications Increased 24% faster loading time and time spam per visit by +70 seconds in 5+ projects

• Senior Full Stack Developer May-2018 - February-2020

Room-Res

Description: Tech stack : React.js, Next.js Redux, Tailwind CSS, MUI, TypeScript, JavaScript, Firebase, GraphQL, Restful API, WebSocket, MongoDB, Blockchain Enhanced a Laravel-based website by leveraging React and Next.js, resulting in improved performance, interactivity, and user experience. (React.js, Next.js) Proficient in designing complete systems from inception, assuring alignment with business needs and objectives. Proven capability in swiftly identifying and resolving technical hurdles, ensuring successful project outcomes. Taking a stance to anticipate and strategize for future scalability needs, pledging the web service remains to accommodate growth seamlessly. Image Processing application in Python to detect runtime cheating in lab exams Worked on Python Django rest framework to build backend architecture for a restaurant-based application for web and mobile application. Experience with AWS includes designing scalable solutions, implementing CI/CD pipelines, and utilizing serverless technologies to create resilient and cost-effective cloud applications.UEC2, S3, Lambda, Fargate, SQS, SNS, DynamoDB, API Gateway) Led the integration of APIs and played a key role in developing and modifying. I've adeptly utilized its robust capabilities in DOM manipulation, event handling, AJAX requests, and animation to elevate user interactions by 15% and enrich the overall user experience of web applications. I've seamlessly conformed protocols into diverse applications, optimizing communication between distributed systems while leveraging REST's flexibility and SOAP's standardized messaging to meet specific business needs. Managed deployment and set up continuous integration UCIƷ for the frontend on AWS and Bitbucket, optimizing deployment processes and ensuring high code quality. Conducted page testing by using JavaScript libraries, specifically Jest, within an Agile environment.

• Full Stack Developer August-2017 - March-2018

Clarus R & D

Description: Tech stack : Python, React.js, Node.js, Angular2, HTML5, Bootstrap, SASS, JavaScript, jQuery, APIs, Git Skill Growth: Boosted skill repertoire through self-study and project involvement, encompassing Node.js, React, and Python languages Key Project Contribution: Spearheaded the development of AssetRx, an IoT cloud solution, by architecting communication protocols and backend APIs. Significant Project Involvement: Led the development of AssetRx, an IoT cloud solution, by designing communication protocols and backend APIs. Engineered 26 high-performance customer-facing web applications by utilizing ReactJS, Redux-saga, React Hooks, React Router, JavaScript, HTML5, CSS3, and SASS Notable Project Leadership: Directed the development of AssetRx, an IoT cloud solution, by conceptualizing communication protocols and backend APIs. Prominent Project Leadership: Orchestrated the development of AssetRx, an IoT cloud solution, by conceptualizing communication protocols and backend APIs. Contributions to Project Success: Contributed significantly to the success of AssetRx, leveraging technical expertise and collaborative skills to achieve project objectives. Impactful Project Contributions: Made substantial contributions to the success of AssetRx by leveraging technical expertise and collaborative skills to accomplish project objectives effectively.

EDUCATION

• Bachelors degree in CS from University of California, Berkeley 2013 - 2017

LANGUAGES

• English - advanced

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