

# David Cheng

*Senior Blockchain developer*

Texas City, TX, United States

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## SUMMARY

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Senior **Blockchain** developer with more than 6 years experiences in handling a **DeFi, Staking, Farming, NFT Marketplace** for tokenization of real-world assets, demonstrating the potential. I am seeking a challenging opportunity in **Blockchain** development within an innovative organization. I have deep understanding of distributed ledger, blockchain safety, blockchain design principles, and various **blockchain protocols** and environments. Potential unlock liquidity worth \$2.5 million and opening new Proficient at performing well as working in a group or independently in a fast-paced setting.

## WORK EXPERIENCE

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### Senior rust developer

*Sunny Isles, FL, US*

**Hivex** | Aug 2023 – Aug 2024

- Launched a high-performance **DEX** platform built on **Rust** and **Solana**, leading to an impressive increase in client engagement, reflected in 30% higher trading volume; optimized user experience through faster transaction processing.
- Implemented advanced **DeFi** features on the platform, leveraging **Rust** for backend development to achieve a 40% reduction in transaction costs for clients, significantly improving cost efficiency and user satisfaction.
- Executed the integration of **Solana** blockchain technology, facilitating the handling of over 200 smart contracts daily; established a streamlined workflow that improved response times for customer inquiries by 25%.
- Enhanced traceability by 70% through the development of advanced logging and monitoring solutions, providing better insights and transparency for transaction processing and system operations.
- Engineered a high-performance infrastructure for **DeFi** applications using **Rust**, enhancing transaction speed by 50% and ensuring an uptick in user engagement, which subsequently increased platform reliability and scalability.

## Senior blockchain developer

*Gliwice, Poland*

**The Software House** | *May 2022 – Jun 2023*

- Designed and introduced a decentralized application (**DApp**) architecture, leading to a 30% increase in overall system performance and enhanced scalability, accommodating 1000+ concurrent users.
- Collaborated on the development of 3 new tools and integrated them into the **DApp** platform.
- Introduced a sharding mechanism that maximized the **blockchain's** scalability by 300%, handling over 10,000 transactions per second.
- Constructed and optimized a high-performance **DEX** (Decentralized Exchange) platform using, leading to a 30% increase in trading volume.
- Contributed to the development of a consensus mechanism upgrade, improving blockchain network efficiency and reducing the average block confirmation time by 50%.

## Senior web3 developer

*London, England*

**Pixelette Technology** | *Jan 2021 – Apr 2022*

- Improved the efficiency of the platform by 25% through the optimization of **smart contract** interactions and backend processes, enhancing system-wide performance and user experience.
- Led the integration of 5 new tools into the platform, including advanced analytics, monitoring solutions, and blockchain-specific libraries, which streamlined development workflows and enhanced system reliability.
- Spearheaded the development and deployment of **Web3** functionalities for decentralized applications (**DApps**), resulting in a 45% decrease in production times for new feature releases and updates.
- Contributed to 5+ open-source community projects, collaborating with global developers to enhance blockchain technologies and advance the adoption of **Web3** solutions.
- Implemented **smart contracts** using **Solidity**, driving significant improvements in transaction efficiency and security for **DeFi** and **NFT** platforms.

## Middle smart contract developer

*Stockholm, Sweden*

**OpenGeeksLab** | *Jan 2020 – Dec 2020*

- Developed and deployed smart contracts using **Solidity** for various **DeFi** projects, including yield **Farming** and **Staking** platforms, ensuring secure and efficient asset management.
- Advanced **Swap** functionality in decentralized applications, leveraging **web3.js** for seamless interaction between **smart contract** and user interfaces.

- Integrated smart contracts with **React.js** front-end components, creating intuitive and responsive user interfaces for interacting with **DeFi** protocols and improving user experience.
- Architected a **web3.js** solution that created a direct communication channel with the **Ethereum blockchain**, contributing to a noteworthy increase in user satisfaction scores as recorded through systematic customer feedback surveys.

## EDUCATION

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Aug 2015 –  
Dec 2019

**University of North Texas**  
Bachelor's Degree, Computer science

**NY, US**

## SKILLS

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Blockchain | NFT Marketplace | Rust | Smart Contract | Web3 | Solidity |  
React | Next.js | Vue.js | Angular | Javascript | HTML5 | CSS | DOM |  
jQuery | Bootstrap | Node | Python | Django | Express | Agile | Scrum |  
Git | AWS | MongoDB | MySQL | Restful API | JSON | TDD | Redux | Flask |  
Tailwind CSS | Ethereum | Binance smart chain | Context API | React  
Hooks | React Native