Williams Terrance Jamar

Senior Blockchain developer

- williamsjamar.ok@gamil.com
  - github.com/smartdev-125
- Humble, Texas, United States
- Telegram: https://t.me/globalpros

Summary

Experienced senior blockchain developer with over 9 years of hands-on experience, distinguished for expertise in **smart contract development** and decentralized application **(DApp)** architecture. Mastery of **Rust** and **Solidity** enables the creation of robust smart contracts and intricate token economies on **Solana**, **Ethereum**, and other blockchain platforms. With meticulous attention to performance and security, adept at optimizing blockchain solutions for scalability and reliability. Specialized in decentralized finance (**DeFi**) and decentralized exchanges (DEX), with a proven track record of developing and deploying complex DeFi protocols and **DEX platforms**. Frontend proficiency in React.js complements blockchain skills, allowing for the creation of elegant and user-friendly interfaces. Experienced in leveraging **React.js**'s component-based architecture and state management to craft intuitive user experiences. Additionally, skilled in backend development using **Golang** and **Node.js**, ensuring seamless integration between frontend and blockchain layers. Proven ability to lead cross-functional teams and drive projects from concept to deployment. Passionate about driving innovation and delivering cutting-edge solutions at the forefront of blockchain technology. Committed to leveraging decentralized technologies to solve real-world problems and drive positive change. Ready to apply senior-level expertise in blockchain, frontend, and backend development to propel projects to new heights of success.

Professional Skills

Programming Languages: Javascript / TypeScript, Golang, Solidity, Rust, C/C++

Web Frameworks & Libraries: React.js, Golang, Angular.js TailwindCSS, HTML, CSS, jQuery, Redux, Node.js, Web3.js, Ether.js, Responsive Design, Microservices

Blockchain Development: Solidity, Smart Contract, Rust, Solana, DEX, DeFi, DApp, Cosmos SDK, BitCoin Ethereum, Hyperledger

Database: PostgreSQL, MongoDB

Version Control and DevOps Tools: Git, GitHub, GitLab, AWS, Azure, Docker, Kubernetes, Postman, Jenkins, Truffle, Hardhat, Remix

Testing and Management Tools: Jest, Junit, NPM, Babel, Redux, UI/UX, CI/CD, JSON, XML, Ajax, Soap, Jira, Slack, Trello

Languages

English   Native   Chinese   advanced

Professional Experience

Senior Blockchain Developer at EvaCodes   United States, 09/2020 to 03/2024

- Developed and implemented a smart contract using **Solidity** that facilitated secure and transparent handling of financial transactions, reducing processing time by 40% and cutting operational costs by 25%.
- Designed and optimized a decentralized application (**DApp**) architecture with **React.js** and **Node.js**, leading to a 30% increase in overall system performance and enhanced scalability, accommodating 1000+ concurrent users.
- Implemented a proof-of-concept (**PoC**) for tokenization of real-world assets using blockchain technology, demonstrating the potential to unlock liquidity worth $2 million and opening new avenues for investments.
- Led the design and development of a decentralized finance (**DeFi**) smart contract using **Solidity** and **Golang**, resulting in a 40% increase in user adoption within the first quarter.
- Collaborated with the business development team to integrate a non-fungible token (**NFT**) marketplace using React.js and blockchain technology, resulting in a 200% increase in daily active users and significant revenue growth.
- Designed and implemented a governance protocol using smart contracts, empowering token holders to participate in decision-making, leading to a more decentralized and community-driven blockchain ecosystem.
- Demonstrated strong problem-solving skills in **React.js** and **Golang**, quickly identifying and resolving critical production issues, reducing downtime by 30% and improving application stability.
- Resolved complex technical issues in blockchain applications promptly, maintaining an average bug resolution time of under 24 hours.
- Integrated a **Golang** application with external systems and services, resulting in a 20% increase in data accuracy and a 15% reduction in data retrieval time.
- Developed a secure multi-signature wallet feature using **React.js** and **Golang**, providing users with enhanced control and protection over their digital assets, resulting in a 95% decrease in reported security incidents.
- Running personal Blockchain for **ethereum** development using **Ganache** and **Truffle**.
- Interacting web application with **etereum Blockchain** using **web3 JS API**.
- Responsible for designing the User interface by coding with **React.js** and **TailwindCSS**, **Typescript**, Microservices to build with this SPA Single Page Application
- Developing web-based apllications in ReactJs and storing the transactions in ethereum Blockchain.
- Familiar with **Solana smart contract development**, deploy using **Rust** and Anchor framework and integrate with **React**, and good experience in compound protocol, AMM, CPMM, Uniswap, Pancake, Staking.
- Contributed innovative solutions during brainstorming sessions for **React.js**, **TypeScript**, **Golang**, and blockchain projects, leading to the adoption of new technologies and improved development workflows.

Environment: Solana, Solidity, React.js, Typescript, Golang, Truffle, Rust, Ethereum, DeFi, DApp, Uniswap
                  Node.js, Responsive Design, CSS, Git, Github

Senior Blockchain Developer at MileStep   United States, 03/2018 to 09/2020

- Architected and deployed a suite of smart contracts for a leading DApp on **Ethereum**, securing over $5 million in digital assets within the first three months post-launch.
- Played a pivotal role in the development of a DAO's governance model, resulting in a 150% increase in community engagement and a 200% growth in token holders within six months.
- Engineered a robust API infrastructure for a high-profile **NFT marketplace** using **Node.js** and **TypeScript**, facilitating the seamless exchange of over 100,000 NFTs and driving a monthly transaction volume increase of 50%.
- Implemented comprehensive smart contract audits and security measures in **Solidity**, leading to the platform's recognition as one of the most secure in the industry, with zero breaches or exploits reported.
- Collaborated with cross-functional teams to integrate blockchain technology into traditional web applications using **AngularJS**, expanding the company's service offerings and resulting in a 30% increase in B2B partnerships.
- Developed and launched a **tokenization platform** for real-world assets on Binance Smart Chain, attracting over $10 million in assets under management within the first year.
- Contributed to open-source projects and actively participated in blockchain communities, leading to the adoption of two proposed enhancements in major blockchain platforms, including **Cosmos SDK** and **Solana**.
- Directed the scaling of blockchain node infrastructure to support a tenfold increase in user traffic while maintaining 99.9% system uptime.
- Proficient in developing decentralized applications (DApps) and smart contracts on **Ethereum**, **Cosmos SDK**, and **Solana**, leveraging extensive experience in **Solidity**, **Golang**, and **TypeScript**.
- Strong advocate for blockchain technology, continuously contributing to the ecosystem through open-source projects and community engagement.

Environment: React.js, AngularJS, Golang, Ethereum, Node.js, Typescript, Solidity, Cosmos SDK, Solana, Rust

Git, Github, Jira, Slack, Trello, Truffle, Remix

Senior Full Stack Developer at Digitrio   Singapore, 12/2016 to 03/2018

- Spearheaded the development of dynamic, high-performance web applications using **React.js** for the frontend and **Node.js** for the backend. Enhanced user experience and engagement by implementing state management solutions with **Redux** and **Context API**, and developed **RESTful APIs** and **GraphQL** endpoints to support seamless data exchange between client and server.
- Designed and deployed **microservices** using **Golang**, ensuring high availability, fault tolerance, and scalability. Utilized **gRPC** for efficient inter-service communication and implemented CI/CD pipelines for automated deployment and testing.
- Led the initiative to create responsive and mobile-first web applications, ensuring compatibility across various devices and screen sizes. Employed **TailwindCSS** and **Bootstrap** to achieve a consistent and intuitive user interface. Conducted performance tuning and optimization for both frontend and backend components, reducing load times and improving overall application responsiveness. Implemented caching strategies using **Redis** and optimized database queries for better performance.
- Transitioned monolithic applications to **microservices architecture**, improving system modularity and maintainability. Leveraged **Docker** and **Kubernetes** for containerization and orchestration, enhancing deployment efficiency and resource management.

- Led a team of developers, providing mentorship and guidance on best practices in full stack development. Collaborated with cross-functional teams including UX/UI designers, product managers, and QA engineers to deliver high-quality software solutions.
- Actively participated in Agile ceremonies such as sprint planning, daily stand-ups, and retrospectives. Utilized **JIRA** for task management and progress tracking, ensuring timely delivery of project milestones.

Environment: React.js, Golang, Node.js, RESTful APIs, GraphQL, TailwindCSS, Bootstrap, Redis, Docker

Kubernetes, Microservices architecture, JIRA, Redux, Context API, Responsive design

Golang Full Stack Developer at TechDilation   Australia, 05/2014 to 12/2016

- Spearheaded the development and implementation of a new **Golang API**, achieving a 25% reduction in response time and a 15% increase in overall system performance. This initiative significantly enhanced the user experience and operational efficiency.
- Authored efficient and reliable code for a **Golang** application, leading to a 40% reduction in bugs and a 20% improvement in user satisfaction scores. Emphasized best practices in coding standards, resulting in robust and maintainable software.
- Collaborated with a cross-functional team of developers to optimize a **Golang** application for performance. This collaboration resulted in a 30% reduction in memory usage and a 20% increase in processing speed, demonstrating strong teamwork and technical expertise.
- Successfully integrated a **Golang** application with various external systems and services, achieving a 20% increase in data accuracy and a 15% reduction in data retrieval time. This integration streamlined operations and improved data reliability.
- Developed dynamic and interactive user interfaces using **React.js**, enhancing the front-end experience. Implemented state management solutions such as **Redux** to manage application state efficiently. Ensured the application was responsive and optimized for various devices, improving user engagement and satisfaction.
- Provided mentorship to junior developers, fostering a culture of continuous learning and improvement. Led code reviews and technical discussions, contributing to the professional growth of the team and the overall success of projects.
- Leveraged expertise in both front-end and back-end technologies to deliver comprehensive solutions. Utilized modern frameworks and tools to build scalable and responsive applications, ensuring seamless user experiences across platforms.
- Actively participated in Agile development processes, including sprint planning, daily stand-ups, and retrospectives. Contributed to the iterative improvement of development practices and project delivery.
- Designed and managed **PostgreSQL** databases to support application data needs. Optimized database queries and schema design, resulting in improved data retrieval times and overall database performance. Ensured data integrity and security through best practices in database management.
- Implemented **CI/CD** pipelines to automate testing, building, and deployment processes. This automation reduced deployment times and minimized errors, ensuring rapid and reliable delivery of new features and updates.
- Managed cloud-based infrastructure and services, optimizing resource utilization and ensuring high availability. Applied best practices in cloud architecture to support scalable and resilient applications.

Environment: Golang, React.js, PostgreSQL, CSS, Responsive Design, Redux, Git, Gitlab, Jira, Slack

Education

Texas Tech University   02/2010 to 03/2014

Bachelor's degree of Computer Science

Graduated with a strong foundation in theoretical and practical aspects of computer science. Equipped with a diverse skill set, including programming languages, data structures, algorithms, and software development methodologies.

Certificates & Assessments

Certified Blockchain Professional (CBP)   09/2019
Ethereum Developer Certification   06/2019
Full Stack Web Assessment   09/2018
Go Programming Language Certification by TutorialsPoint   02/2017

Personal Projects

1. NFT Marketplace Smart Contracts

- **Description:** Developed smart contracts for an NFT marketplace using Solidity, focusing on ERC721 standards. The repository includes well-documented code, test suites, and deployment scripts.
- **Technologies Used:** Solidity, Truffle, Hardhat, OpenZeppelin
- **Impact**: Improved transaction efficiency by 20% and ensured robust security through comprehensive testing.

2. Decentralized Finance (DeFi) Protocol

- **Description:** Contributed to the development of a DeFi protocol, implementing features such as lending, borrowing, and yield farming. Ensured code security and optimized gas usage.
- **Technologies Used:** Solidity, JavaScript, TypeScript, Truffle
- **Impact**: Enhanced protocol security, reducing potential vulnerabilities by 30%, and optimized gas usage, saving users an average of 15% on transaction fees.

3. Ethereum Token Standards

- **Description:** Implemented various Ethereum token standards (ERC20, ERC1155) and created example projects demonstrating their usage. The repository includes comprehensive documentation and testing.
- **Technologies Used:** Solidity, Remix, MetaMask
- **Impact**: Facilitated the creation of over 50 tokens, with detailed documentation aiding developers in rapid adoption.

4. Decentralized Applications (dApps)

- **Description:** Developed front-end interfaces for interacting with blockchain back-ends using React JS. The repository showcases various dApp examples, demonstrating user interactions with smart contracts.
- **Technologies Used:** React JS, Solidity, Web3.js
- **Impact**: Improved user experience and engagement by creating intuitive and responsive interfaces for blockchain applications.