

James William

Blockchain & Frontend developer

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Germany

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STRENGTHS



Coding Expert
Proficient in Solidity, JavaScript, HTML, CSS, PHP

FRONTEND SKILLS

Ethereum

Solidity

BROWNIE

HARDHAT

ETHERS.JS

Docker

PHP

Mern Stack

WordPress

Vue.js

Shopify

WordPress

LAMP Stack

Next.js

TypeScript

GIT

React


Node.js

MongoDB


Tailwind CSS

Ecommerce Development


ACHIEVEMENTS



Website Performance
Improved by 35% at Ancient



Page Load Time
Decreased by 30% at Ancient



Rising Star Award
Received at Tech BR Softech

INDUSTRY EXPERTISE

Blockchain development



Front-end development



SUMMARY

Skilled Solidity Engineer with over 5 years of experience in developing high-quality code and creating innovative solutions for complex challenges in the blockchain space. Successfully deployed 10+ decentralized applications, optimized gas usage by 20%, and resolved 90%+ of potential vulnerabilities during code reviews.

Pioneered educational initiatives to share insights on blockchain advancements, authoring 5+ articles and delivering keynote presentations at 3 prominent industry conferences, fostering collaboration and driving innovation in the blockchain community.

EXPERIENCE

Solidity Engineer

07/2022 - 12/2023

- Satellite Bank**
- Designed and implemented a diamond standard satellite bank for 2nd party games, featuring dedicated accounts for each application.
- Applied a role-based permission system to assign specific functions to each role, ensuring secure access and maintaining system integrity; reduced unauthorized access incidents by 40% in the tech industry.
- Introduced an app economy framework in the satellite bank, empowering applications to host purchasable products and implementing a publisher fee system that contributed to a 30% boost in overall revenue.
- Launched and managed an innovative app economy initiative within the satellite bank, enabling applications to curate purchasable products, resulting in a 25% increase in revenue through the collection of publisher fees.
- Excuted server-side signing for stashes to allow players to receive rewards from bank accounts in third-party games.
- Loot Boxes**
- Provided ERC-1155 token-based loot boxes utilizing the diamond standard, enabling players to procure loot boxes through wallet transactions or airdrops, resulting in a 25% rise in user acquisition and a 35% boost in in-game purchases.
- Engineered a server-side signing mechanism to eliminate loot boxes in-game, enabling players to claim diverse starter items; enhanced player experience and engagement, resulting in a 40% increase in daily active users.
- ABI Tool**
- Orchestrated integration of ABI Tool with Diamond repo, automating ABI rebuilding and pushing actions through Git actions; optimized workflow efficiency by 50% and lowered manual errors.
- Launched ABI Tool for Diamond Standard, a critical NPM package, streamlining ABI combination and deduplication processes, resulting in 40% faster build times and increased repository efficiency.

Freelancer Smart Contract Developer

07/2017 - 05/2022

- Developed a Solidity and Hardhat-based Payroll System allowing for real-time calculation and distribution for employees.
- Composed the system to enable employers to add, update, or remove employee salary information as needed, and to calculate the required payment amount for the contract at any given time.

EDUCATION

Bachelor of Computer Science(BCompSc)

Heidelberg University

08/2014 - 04/2017

Berlin

GPA
3.8 / 4.0

LANGUAGES

English

Proficient ●●●●●

Chinese

Advanced ●●●●●