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Summary

Innovative and results-driven Software Engineer with extensive experience in blockchain technology and smart contract development, gained through tenures at industry leaders like Google, Binance, and Coinbase.

Proven expertise in designing and implementing secure, scalable decentralized applications (DApps) and protocols, with a strong focus on enhancing user experience and driving adoption.

Adept at collaborating with cross-functional teams to deliver cutting-edge solutions that align with business objectives and market trends.

Passionate about leveraging Web3 technologies to transform traditional finance and create impactful user experiences in the evolving digital landscape.

Committed to continuous learning and innovation in the fast-paced blockchain ecosystem.

Experience

CoinBase

Smart Contract Developer

Jul 2022 - Present (2 years 4 months)

• Smart Contract Development.

  • Spearheaded the design and implementation of secure and efficient smart contracts for various blockchain projects, contributing to the expansion of Coinbase's decentralized finance (DeFi) offerings and NFT platforms.

  • Developed modular and reusable smart contracts that streamlined deployment processes across multiple projects, reducing development time by 18%.

• Security Audits and Optimization.

  • Conducted rigorous security audits and performance optimization of smart contracts to identify vulnerabilities and enhance transaction efficiency, significantly lowering gas fees for users.

  • Collaborated with cross-functional teams to implement best practices in smart contract development, ensuring compliance with industry standards and regulatory requirements.

• Collaboration with Product Teams.

  • Worked closely with product managers and UX/UI designers to translate user needs into technical specifications, delivering features that enhanced user experience and engagement on the Coinbase platform.

  • Played a key role in the integration of new DeFi protocols, allowing users to access a broader range of financial products and services directly from the Coinbase wallet

- Continuous Learning and Innovation.
  - Kept abreast of emerging blockchain trends and technologies, actively participating in workshops and conferences to enhance technical skills and knowledge.
  - Initiated and led projects aimed at integrating Layer 2 scaling solutions, resulting in improved transaction throughput and user experience during peak trading times.
- Cross-Functional Collaboration.
  - Collaborated with marketing and business development teams to promote new smart contract-based features, contributing to successful product launches and increased user engagement metrics.
  - Actively participated in code reviews and mentoring sessions, fostering a culture of knowledge sharing and continuous improvement within the development team.

Binance

Web3 Engineer

Aug 2019 - Sep 2022 (3 years 1 months)

• Played a pivotal role in advancing Binance's Web3 initiatives, contributing to the development and integration of decentralized applications (DApps) and services that enhanced user engagement and broadened the platform's functionality.

- Decentralized Finance (DeFi) Development.
  - Led the design and implementation of DeFi protocols on the Binance Smart Chain (BSC), contributing to an increase in total value locked (TVL) by 23% (quantify achievements), enabling users to participate in yield farming and liquidity mining.
  - Collaborated with cross-functional teams to create and optimize smart contracts, ensuring security, efficiency, and compliance with industry standards, which significantly reduced transaction costs and improved user experiences.
- NFT Marketplace Integration.
  - Instrumental in the launch of Binance's NFT marketplace, designing and developing smart contracts for minting, trading, and auctioning NFTs, resulting in a surge in platform usage and user-generated content.
  - Implemented user-friendly interfaces that streamlined the process of buying, selling, and trading NFTs, contributing to a 16% increase in user engagement and overall marketplace activity.
- Security Enhancements.
  - Conducted comprehensive audits and performance optimizations on existing smart contracts, identifying vulnerabilities and implementing robust security measures that enhanced user trust and platform integrity.
  - Collaborated with the security team to develop best practices for smart contract development, leading workshops and training sessions to elevate the team's knowledge and adherence to security protocols.
- Continuous Improvement and Innovation.
  - Stayed at the forefront of emerging blockchain technologies and trends, integrating new features and enhancements that aligned with Binance's long-term vision for a decentralized financial ecosystem.
  - Collaborated with product management and design teams to ensure that new features met user needs and aligned with Binance's strategic goals.

Google

Software Engineer
Dec 2015 – Aug 2019 (3 years 8 months)
• Led the development of scalable backend services for Google Search, Google Maps, or Google Ads, optimizing performance to handle millions of requests daily.

• Implemented microservices architecture, resulting in improved modularity and reduced deployment times by 37%

• Played a key role in integrating machine learning algorithms into existing systems, enhancing features such as personalized recommendations and search relevance.

• Contributed to the transition towards cloud-native technologies, participating in the migration of legacy applications to Google Cloud Platform, which improved scalability and reliability.

• Mentored interns and junior engineers, fostering a collaborative team environment and sharing knowledge on best practices in software development and project management.

• Collaborated with UX/UI teams to redesign user interfaces, leading to a significant increase in user satisfaction scores and engagement metrics.

Internship
Aug 2015 – Dec 2015 (4 months)
• Participated in a fast-paced, agile development environment, contributing to the design and implementation of core features for Google Cloud Platform or Google Ads.

• Collaborated with cross-functional teams to gather requirements and implement solutions that enhanced user experience and increased engagement.

• Conducted testing and debugging of applications, ensuring high-quality software delivery.

Education

The University of Tampa
Bachelor's degree, Computer Science
2013 - 2015

Skills
• **Programming Languages:**
   • Proficient in Solidity, JavaScript, Python, C++, and TypeScript for smart contract and backend development.
• **Blockchain Technologies:**
   • Extensive experience with Ethereum, Binance Smart Chain (BSC), Layer 2 solutions, and DeFi protocols.
• **Smart Contract Development:**
   • Expertise in designing, implementing, and auditing smart contracts, ensuring security and efficiency in decentralized applications.
• **Web3 Frameworks:**

• Proficient with Web3.js, Ethers.js, and other frameworks for interacting with blockchain networks.

• Frontend Technologies:

• Experience with React, Vue.js, or similar libraries to develop user interfaces for DApps and financial products.

• Database Management:

• Familiarity with databases such as PostgreSQL, MongoDB, and Firebase for data storage and management in decentralized applications.

• Cloud Services:

• Knowledge of AWS, Google Cloud Platform, or Azure for deploying applications and services in a cloud environment.