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Summary

Highly skilled and motivated blockchain professional with a passion for leveraging cutting-edge technologies to drive innovation and transform industries.

With a solid background in blockchain development, including front-end and back-end expertise, I have successfully delivered multiple decentralized applications and platforms.

Proficient in implementing smart contracts, integrating cloud infrastructure, and ensuring secure and scalable deployments.

A collaborative team player with a strong problem-solving mindset, I thrive in dynamic and fast-paced environments, consistently delivering high-quality solutions that exceed client expectations.

Experience



Software Engineer II

Audius

Dec 2022 - Present (7 months)

Vibrant, decentralized & open-source community of artists, fans, and developers building a Web3 audio streaming protocol that delivers an unprecedented level of music sharing intimacy and platform ownership.

- Actively contributed to the blockchain community by participating in industry conferences, including Blockchain Summit 2022, and publishing thought leadership articles on Medium with a readership of over 10,000.
- Developed and launched a new feature that allowed users to create and trade NFTs of their music, resulting in a 40% increase in artist revenue and a 25% growth in the platform's user base.
- Implemented an advanced caching mechanism, reducing data retrieval time by 40% and improving overall platform responsiveness, leading to a 30% increase in user satisfaction.
- Collaborated with the marketing team to implement a conversion rate optimization strategy, resulting in a 25% increase in the number of users converting from free to premium accounts.
- Developed and launched a new mobile application for Audius, resulting in a 50% increase in app downloads and user adoption within the first three months.



Blockchain Specialist

Ignite

Aug 2021 - Sep 2022 (1 year 2 months)

- Led a team of developers in the implementation of a DAO, enabling decentralized decision-making and fostering a collaborative community of 5,000+ members.
- Leveraged DeFi protocols, such as Compound and Uniswap, to optimize financial processes and reduce transaction costs by 20%.
- Extensive experience in working with various blockchain platforms, including Ethereum, Hyperledger Fabric, and Corda.

- Optimized smart contracts, reducing gas costs by 30% and significantly improving transaction speed and overall user experience.

Full Stack Engineer

Ignite

Feb 2021 - Jul 2021 (6 months)

- Designed and launched an NFT marketplace, driving a 300% increase in user engagement and facilitating the exchange of unique digital assets.
- Architected and implemented a microservices-based architecture using Node.js, Express.js, and Docker, allowing for modular development and seamless scalability.
- Leveraged Elasticsearch and MongoDB for efficient product search and catalog management, resulting in a 40% improvement in search performance.
- Successfully led the development of a cloud-based customer relationship management (CRM) platform, resulting in a 30% increase in sales productivity and improved customer satisfaction.
- Built a responsive and intuitive front-end interface using React.js, and Angular, enabling users to efficiently manage leads, contacts, and sales pipelines.



Software Engineer

OpenSea

Aug 2019 - Dec 2020 (1 year 5 months)

- Proven track record of successfully delivering blockchain projects, from concept to deployment, collaborating with cross-functional teams and stakeholders.
- Collaborated with the UX/UI team to enhance the user interface, resulting in a 20% increase in user engagement and satisfaction.
- Led the successful integration of a third-party NFT standard, expanding the range of assets supported on the platform and driving user growth.
- Successfully developed and deployed multiple dApps, resulting in a cumulative transaction volume of over 100,000 ETH.
- Optimized financial processes by integrating DeFi protocols, resulting in a cost reduction of \$50,000 annually for the organization.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines, streamlining the development and deployment processes.



Software Engineer

OpenSea

Feb 2019 - Jul 2019 (6 months)

- Deployed the blockchain application on AWS using Docker containers, improving deployment efficiency and enabling easy scaling of resources based on demand.
- Developed smart contracts using Solidity and Truffle framework, enabling secure storage and retrieval of identity data on the Ethereum blockchain.
- Collaborated with the product team to implement new features and enhancements for the OpenSea marketplace platform.
- Successfully delivered projects within tight deadlines, receiving positive feedback from clients for meeting their requirements.



Frontend Web Developer

Outreach

Jun 2016 - Dec 2018 (2 years 7 months)

- Created a responsive and visually appealing e-commerce website for a client, resulting in a 20% increase in online sales and customer engagement.
- Optimized website performance by implementing caching mechanisms and database optimizations, resulting in a 30% reduction in page load time.
- Implemented custom features and functionality using WordPress and PHP, enhancing website performance and usability.
- Managed multiple projects simultaneously, meeting deadlines and delivering high-quality work.



Development Intern

Circle

Jun 2016 - Nov 2016 (6 months)

- Successfully resolved a critical bug related to transaction processing, resulting in a 20% reduction in failed transactions and improving overall platform reliability.
- Played a key role in the successful implementation of a multi-signature wallet feature, enhancing the security of user funds and earning positive feedback from clients.
- Collaborated with the engineering team to implement API integrations and ensure seamless connectivity between the platform and external services.
- Strong understanding of cryptography, consensus mechanisms, and decentralized finance (DeFi) protocols.
- Actively participated in team meetings and brainstorming sessions, contributing ideas and suggestions to improve development processes.

Education



University of Washington - College of Arts & Sciences

Bachelor of Science - BS, Computer Science

Sep 2012 - Jun 2016

Skills

JavaScript • HTML • CSS • TypeScript • React.js • Node.js • Express.js • MongoDB • MERN Stack • API Development • API Testing • REST APIs • Apollo GraphQL • Apache Kafka • RabbitMQ • Payment Gateways • Web Service API • PostgreSQL • NoSQL • SQL • Python • Django • Java • Spring Boot • Amazon Web Services (AWS) • Agile Methodologies • Responsive Web Design • Collaborative Problem Solving • Test-Driven Development • Continuous Integration and Continuous Delivery (CI/CD) • Test Automation • Jest • Cypress • Jasmine • Karma • Software Testing • Kubernetes • Docker • Git • Web3 • Blockchain • Cryptocurrency • Smart Contract • Solidity • Ethereum • Rust • Solana • Non-Fungible Tokens (NFTs) • PHP • WordPress