Kate Johnson

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☁ https://github.com/K-G-J

SUMMARY

Blockchain engineer with experience in developing distributed applications and applications using Python, TypeScript, Solidity, and Ethereum. Expertise in developing smart contracts, blockchain consensus algorithms, and distributed ledger technologies. Proven track record of successfully designing, developing, and deploying blockchain-based applications.

EXPERIENCE

Blockchain and Web3 Software Engineer
Popcorn Network   **January 2022 - Present**
· Full-stack software engineering majority in TypeScript and Python.
· Wrote Solidity smart contracts for decentralized finance and governance used by over 10,000
· Led team in the latest smart contract system deployment of vaults holding over 1 million in user funds
· Audited smart contracts and participated in comprehensive code reviews.
· Wrote robust smart contract tests and unit, integration, and staging tests for full-stack code in Solidity, TypeScript, and Python
· Engineered and developed fintech products for yield aggregation
· Designed integration of Web 3 front end in Next.js and React.js
· Participated in decentralized finance research and development.

Software Engineer
THE rAVe Agency   **January 2021 - December 2022, US, NC, Chapel Hill**
· I assisted with all projects regarding web development, app development, and software engineering. I was the agency's lead XR developer for Metaverse technology.
· Wrote website code edits and implemented UX/UI improvements.
· Engineered augmented reality filters for social media used by over 100,000 people worldwide
· Engineered augmented reality games, shopping, and promotional experiences for online and tradeshow events attended by over 20,000
· Engineered virtual reality experiences and games.

Software Engineer
Orange County Sustainability   **March 2020 - May 2020, US, NC, Hillsborough**
· Edited website HTML and CSS.
· Improved backend JavaScript code.
· Created web graphics.

EDUCATION

Professional Full-stack Development Certification
Columbia University · New York, New York · 4.0

Master's Degree in Metaverse Technology
The University of North Carolina at Chapel Hill · 4.0

CERTIFICATIONS

Advanced Python Development
Codecademy

SKILLS

Technical Skills: Solidity, Ethereum, Blockchain, Hardhat, Foundry, Cryptocurrency, Fintech, Typescript, Javascript, Node Js, Ruby, Go, Python, Numpy, Pandas, Matplotlib, Jupyter Notebook, Django, Flask, Sqlalchemy, Postgresql, Mongodb, Mysql, Sql, GraphQL, Rest, Express, Next.js, React, Git, Unity, Unreal Engine