Zubin Choudhary

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Experience

Stubs | Software Developer | December 2022 - October 2023

- Developed smart contracts for **ERC721** and **ERC1155** tokens, incorporating governance functionalities.
- Implemented zero-knowledge proofs (**zk-SNARKs**) to ensure robust privacy and security in contract transactions.
- Collaborated on frontend development using **React**, creating intuitive user interfaces and optimizing the overall user experience.

Sublime Finance | Software Developer | December 2021 - November 2022

- Collaborated with a team of skilled **solidity** developers to construct smart contracts.
- Designed and implemented an on-chain verification service for social media identities.
- Optimized frontend code, resulting in a significant reduction of package size by **30%.**

Freelance Open Source | Software Developer | July 2021 - December 2021

- Developed blockchain-based applications for various open source projects.
- Created an end-to-end encrypted paywall content sharing extension using web3 and **React.js.**
- Built a comprehensive dashboard for managing creator coins and cryptocurrency networks using **Node.js** and **Angular**.

Tortoise | Software Developer Intern | April 2020 - July 2020

- Engineered a robust backend application utilizing **Django Rest Framework**, providing APIs for a **Flutter frontend application**.
- Implemented secure authentication and payment integration using **Razorpay**.
- Deployed the application on AWS to ensure seamless accessibility.

Google Summer of Code (Fedora, Red Hat) | Student Developer | April 2019 - August 2019

- Built a GUI-based Linux application for downloading, testing, and reviewing packages.
- Updated the deprecated Python2 API endpoints and dependencies to **Python3**.
- Conducted thorough testing of the application and created distribution packages.

Taritas | Intern | April 2018 - August 2018

- Developed an **Android** and **iOS** application using cross-platform technologies (**Xamarin**)
- Integrated Google Maps and Apple Maps functions and APIs.
- Created API endpoints using **Microsoft's Azure service**.

Projects

- Face Recognition Based Public Transport Wallet
  - Hackathon Project - Microsoft Imagine Cup Asia Finalists
  - Utilized one-shot learning face recognition algorithm with 98% accuracy.
  - Automated ticket pricing calculation based on the shortest route using metro connectivity.

Education

Bachelor of Computer Science, Bennett University, UP, India (June 2021)