KRISH SINGH HURA

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Projects:

1. **Web3-Binomo**
   A DeFi platform that simulates real-world financial markets by integrating real-time stock market APIs to create dynamic trading scenarios. Users are required to own and stake NFTs to participate in the simulation and earn rewards, ensuring a decentralized and gamified trading experience.
   - **Technology Stack:** Reactjs, Nodejs, Docker, Kafka, Solidity, Etherjs, WebSocket

2. **AVAX-Bazar:**
   This project implements a decentralized lending protocol on the Avalanche blockchain, enabling seamless interaction between lenders and borrowers. Lenders can deposit AVAX into a smart contract-powered liquidity pool to earn daily interest, while borrowers can obtain AVAX loans by locking ERC-20 tokens as collateral.
   - **Technology Stack:** Next.js, Node.js, Express, TypeScript, PostgreSQL , Prisma, Hardhat, Solidity, Docker

3. **Mark-Me:**
   Developed an attendance tracking system which uses automates the manual attendance to Geo-location based attendance, designed for employers and employees which tracks check-in/check-out with facial recognition for enhanced security. It uses the Haversine algorithm to accurately calculate the distance between the user's current location and the geo-fence boundary
   - **Technology Stack:** Reactjs, Nodejs, Express, Kafka, Docker, Redis, MongoDB

4. **Dojo-Locker:**
   This projects implements the Document Verification through Digital Signature. It ensures data integrity of documents using cryptographic hashing, RSA and blockchain-backed IPFS storage. It can also mint a NFT, by the templates provided and can store them in the user's wallet.
   - **Technology Stack:** Go lang, React, SMTP(mailer), Python, Docker, Postgres, IPFS, Solidity

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Work Experience:

- **Koii Networks:**
  I served as the primary representative at my university, driving awareness and engagement around decentralized technologies and Web3, Organized workshops and events, to educate and involve students in blockchain innovation, while building a strong community of tech enthusiasts.

- **DevSomeware**
  Actively contributed as a member of Devsomeware, a dynamic tech community that organizes hackathons and fosters innovation. Collaborated with like-minded developers, participated in coding challenges, and gained hands-on experience in real-world problem solving, teamwork, and project development, enhancing both technical and communication skills in a collaborative environment.

Technologies Used:

C++, Javascript/Typescript, React, Nextjs, Nodejs, Redis, Kafka, MySQL, Postgres, MongoDB, Git/Github, AWS, Solidity, Hardhat, truffle, Etherjs, Docker, Graphql, System Design.

Achievements and Participations:
- **SIH 2024 Finalist**
- **Agoric Fast Hack Odisha Winner**
- **CodeFort inter college Hackathon first runner up**

Education:
1. **BCA| Centurion University of Technology & Management, Bhubaneswar (CUTM), |** CGPA: 8.6 | 2023-2026
2. **12th | St. Joseph Convent Higher Secondary School, Sambalpur|** Percentage: 78.5 | 2021-2023