

Dev Rathod

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EXPERIENCE

CHAINTECH NETWORKS | JAVASCRIPT DEVELOPER

Aug 2021 – Nov 2022 | Ahmadabad, India

- Contributed to the development of blockchain-based solutions using Node.js, Web3.js, and Express.js.
- Developed backend services to integrate blockchain functionality with decentralized applications (dApps) and smart contracts.
- Utilized MongoDB for efficient data storage and retrieval, managing both on-chain and off-chain data.
- Implemented security measures such as data encryption and blockchain consensus protocols to protect sensitive information and prevent vulnerabilities.
- Participated in troubleshooting and debugging blockchain-related issues to ensure optimal system performance.

PROJECTS

AUTO-INSURE | PEER TO PEER BLOCKCHAIN-BASED CAR INSURANCE

Jan 2023 – Present | Saskatoon, SK

- Developed a P2P DeFi **Auto-insure** platform leveraging blockchain for transparent claims.
- Built backend to manage pool data, user interactions, and claims securely.
- Designed front-end with ReactJS for claims submission and voting.
- Used AWS DynamoDB for scalable storage of user data and claims.
- Employed Docker for containerization, ensuring efficient deployment.
- Integrated Ether.js for Ethereum blockchain communication and smart contract processing.

PAWPALS | COMMUNITY-DRIVEN ANIMAL ADOPTION AND TREAT PLATFORM

Jan 2024 – May 2023 | Waterloo, ON

- Lead the development of **PawPals**, a blockchain-based platform simplifying animal adoption and fostering community-driven support.
- Enabled users to browse adoptable animal profiles, complete adoptions, and donate treats or funds.
- Integrated backend with MongoDB to manage adoption records, user profiles, and transactions.
- Implemented Stripe payment gateway for secure donation processing.

THE AGARIYAS | EMPOWERING TRADITIONAL SALT FARMERS

Jan 2024 – In Progress | Waterloo, ON

- Lead the development of **The Agariyas**, a blockchain-based platform supporting traditional salt farmers through crowdfunding.
- Designed a decentralized backend using Node.js and MongoDB, ensuring secure data management for farmer profiles and donations.
- Integrated Stripe and Web3.js for seamless and secure transactions, enabling both fiat and cryptocurrency donations.
- Developed a responsive and interactive interface with Next.js, enhancing user experience and platform accessibility.

EDUCATION

SASK POLYTECHNIC

CLOUD COMPUTING AND
BLOCKCHAIN DEVELOPMENT
December 2024 | Saskatoon, SK

CONESTOGA

COMPUTER APPLICATION
DEVELOPMENT
December 2023 | Waterloo, ON

KADI UNIVERSITY

BA IN COMPUTER APPLICATION
December 2022 | Gandhinagar

SKILLS

PROGRAMMING

Frontend:

NextJS • ReactJS • Web3JS

Tailwind CSS

Backend:

PHP • JavaScript • Typescript

Solidity • NodeJS • EtherJS

Database:

MySQL • MongoDB • DynamoDB

TECHNOLOGY

Git/Github • AWS • Linux

UNIX • Windows • Docker

Kubernetes • Automation

SOCIETIES

• Association for Blockchain Integration (ABI).

• Decentralized Finance (DeFi): The Future of Finance Specialization. • Building DApps in Ethereum Blockchain Specialization. • Solution architect in AWS services.