

Dev Rathod

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EXPERIENCE

CHAINTECH SOLUTIONS | NODE.JS DEVELOPMENT INTERN

May 2022 – Aug 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 AGARIES | EMPOWERING TRADITIONAL SALT FARMERS

Jan 2024 – In Progress | Waterloo, ON

- Lead the development of **The Agaries**, a platform to support traditional salt farmers by raising funds for tools and sustainable growth.
- Designed a scalable backend using Node.js and MongoDB to manage farmer profiles and donation records.
- Integrated Stripe for secure payments, enabling supporters to donate funds directly to farmers.
- Developed a user-friendly interface with NextJS for easy navigation and interaction with the platform.

EDUCATION

SASK POLYTECHNIC

CLOUD COMPUTING AND
BLOCKCHAIN DEVELOPMENT
December 2024 | Saskatoon, SK
Dean's List (All Semesters)
Cum. GPA: 3.43 / 4.0

CONESTOGA

COMPUTER APPLICATION
DEVELOPMENT
December 2023 | Waterloo, ON
Dean's List (All Semesters)
Cum. GPA: 3.04 / 4.0

KADI UNIVERSITY

BA IN COMPUTER APPLICATION
December 2022 | Gandhinagar
Dean's List (All Semesters)
Cum. GPA: 3.56 / 4.0

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.
- Solutions architect in AWS services.