

AJEET RAM VERMA

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Education

IIIT Naya Raipur

B.Tech in Electronics and Communication

8.34/10

Dec. 2020 – June 2024

Haji Nurool Hasan Memorial Inter College

UP Board - Class-XII

84.2%/100

April. 2019

Haji Nurool Hasan Memorial Inter College

UP Board - Class-X

87.1%/100

May. 2017

Experience

Full Stack Blockchain Developer

Sep 2024 – Present

Edubuk

Full-Time

- Designed and deployed smart contracts in Solidity across multiple blockchains including Ethereum, XDC, SKALE, and BNB Chain, enabling Holder, Finder, Share, and Revoke functionality for the Edubuk web application.
- Integrated Okto custodial wallets to deliver a seamless Web3 experience with Web2 usability, and collaborated directly with the Okto team to troubleshoot and resolve critical integration errors.
- Developed a full-stack EBUK Token Presale platform and integrated Synaps KYC tool to automate user KYC verification.
- Created and deployed ERC-721 NFT smart contracts on multiple chains and uses openzeppelin library for role management and secure the functionality.
- Automated the process of student's certificate generation to certificate registration on blockchain and enabled direct certificate attachment to LinkedIn profiles, improving professional credential visibility for users.
- Built multiple responsive web applications, ensuring high performance across devices and browsers.
- Won 3rd place in DeSci category in the Educhain Hackathon, contributing to blockchain innovation in education technology.

Founding Engineer

Jan 2024 – May 2024

FastrPayments

Internship

- Developed a responsive payment interface with comprehensive functionalities, ensuring seamless user experience.
- Designed and implemented RESTful APIs to handle CRUD operations on credit/debit card data.
- Addressed and resolved edge cases, enhancing transaction reliability through integration with third-party APIs.

Projects

Electronic Health Record Management System | React-js, Node-js, IPFS, Ether-js, Solidity

- Developed a blockchain-based EHR management system ensuring patient data security and privacy, addressing concerns raised by recent server attacks on AIIMS Delhi.
- Implemented direct private consultations with the director and seamless sharing of health records with doctors to enhance patient care.
- Enhanced emergency care with quick access to stored patient data on the secure blockchain, mitigating risks arising from potential server attacks.

E-commerce App | React-js, CSS, Node-js, MongoDB, Express-js, Stripe API

- Developed a responsive e-commerce platform with user and admin authentication, enabling secure user and admin registration, login, and logout functionality.
- Featuring admin and user dashboard, product listing, cart management, user reviews, and secure Stripe payment integration, all accessible through authenticated user accounts.
- Implemented search capabilities and a personalized "Favorites" section to enhance product discoverability and user engagement.

Identity Verification DApp | Solidity, React-js, CSS, Node-js, IPFS, Ether-js, MetaMask, Hardhat

- Developed a privacy-focused application to ensure user control over personal data in the digital world.
- Implemented a system with Issuer, Holder, and Verifier entities.
- Enabled Issuers to issue unique credentials to Holders, who could securely access, share, and unshare and verify their credentials with third parties using an ID number

Task-Manager | React-js, TypeScript, Node-js, Express-js, MongoDB

- Developed a task management application with features for creating, updating, and deleting tasks.
- Implemented drag-and-drop functionality for moving tasks between columns and managing task priority states.
- Integrated a backend API to store tasks in a database and used JWT tokens for authentication.

Technical Skills

Languages: C,C++,Python,SQL,HTML/CSS, JavaScript, Typescript, Solidity
Frameworks/Libraries: React-js, Express-js, Ether-js, Node-js, Firebase, Tailwind CSS, IPFS, MongoDB.
Developer Tools:Git, VsCode, windsurf, Remix IDE, Excel, Power Point, MS Word
Soft Skills: Communication, Leadership, Team-Work

Position of Responsibilities

- **NSS Educator(2021-2022):** Teaching village students nearby college every Saturday and sunday.
- **NSS Educator Head (2022-present) :** Providing free tuition classes and organizing some patriotic and. sports events in multiple villages nearby college
- **IEEE Student Branch Member(Jan 2023 - present):** Conducting the educational event at my college

Achievements

- **IEEE International WIECON Volunteering Certificate:** Hosting the technical sessions with the virtual collaboration of Bangladesh volunteers and managing the event.
- Volunteered in conducting and managing a technical event called “ Electrobliz” in annual fest of the college.
- Solved 500+ questions across various platforms like leetcode, gfg, hackerrank, codeChef etc