

MRIGANK SHUKLA

Indian Institute of Information Technology and Management, Gwalior

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EXPERIENCE

Full Stack Blockchain Developer

Redsoft Services pvt ltd

📅 June 2023 – August 2023

- Developed an ERC20 Token Staking platform where users can stake, withdraw tokens and receive rewards proportional to their staking duration.
- Wrote smart contract for whole reward mechanism logic to handle calculation and distribution of rewards, wrote tests using mocha.js and chai.
- Build a MINT Platform where users can mint NFTs and list them for sale, used ERC721 Token as technical standard.
- Worked with various libraries like Moralis web3, IPFS system, Rainbowkit and integrated them with React frontend.

Full Stack Web Developer Intern

Andwemet

📅 Dec 2022 – Mar 2023

- Developed entire multi-level user onboarding system, report generation system, admin dashboard having having 10000+ registered users.
- Build 100+ reusable components and interfaces using React.js, Material UI with Redux to achieve better state management.
- Implimented a scalable RCM based backend in Node.js + Express.js + MongoDB to exchange data using REST APIs.

PROJECTS

PharmaVerse 🔄

Hackathon Project: Decentralized Pharmaceutical Ecosystem

📅 July 2023

- A groundbreaking platform that revolutionizes healthcare and pharmaceutical management, enhancing data security, transparency, and accessibility across the medical ecosystem.
- Streamlines pharmaceutical production with a sophisticated batch scheduling system with real-time monitoring enabling proactive quality control and grading of each batch.

DeDocs 🔄

A Decentralised Document Management System

📅 January 2023

- Developed a Decentralized Document Management System that keeps the tracks of the documents using the on-chain history and keeps the documents in encrypted form which provides safety and security.
- Created Smart contracts using Solidity, client-side application using ReactJS and Context API, used Truffle framework and Web3.js.
- Used IPFS protocol (a file sharing peer-to-peer network) for storing and sharing data in a distributed file system.

Marketify 🔄

End to End E-commerce Platform

📅 December 2022

- An end to end full stack E-commerce website catered to both users and admins with full fledged authentication system and responsive frontend.
- Used ReactJS, Redux (for state management), MaterialUI for frontend and NodeJS, Express, MongoDB for creating a RCM based backend.
- Integrated Stripe payment gateway with ReactJS for order payments .

EDUCATION

Integrated B.Tech and M.Tech in Information Technology , 8.20 CGPA

IIIT Gwalior, India

📅 June 2021 – June 2026

Class XII (CBSE), 95%

Kendriya Vidhyalaya Sidhi, India

📅 April 2020 – March 2021

SKILLS

Web Development

React NodeJS MongoDB ExpressJS
Redux Context API MaterialUI Tailwind CSS
Bootstrap PostgreSQL MySQL EJS
PUG RestAPIs Mongoose

Blockchain Development

Solidity Web3.js Ether.js Hardhat
Truffle foundry Mocha.js chai IPFS
Moralis RainbowKit Metamask Ganache

Languages

C++ Javascript SQL C

Tools

Git Github Postman Figma Thunder Client
Canva Cypress

ACHIEVEMENTS

All India Top 5 in Uhackathon'23 (250+ teams).
Global rank 188/10k in Codechef may cook-off.
Winner of weekly Jr. CP Sprint at IIIT.
Global rank 219 in Codeforces round 831
4 Star Coder on Codechef
All India 99%tile in JEE mains 2021

POSITIONS OF RESPONSIBILITY

Reporting Head at Uthaan, IIIT Gwalior
Member at Ecell, IIIT Gwalior