

## RUPEN JARSANIYA

Ahmedabad, India | 79843-28520 | jarsaniyarupen7984@gmail.com | LinkedIn | Github | Portfolio

### Skills

**Web3 & Blockchain:** Solidity, NFT Marketplace, DApp, Merkle Trees, Openzeppelin, Oracle, Uniswap, Web3.js, Ethers.js, Tokenomics, Cryptography, Blockchain, Consensus, Contract Audit and Optimization

**Programming Languages:** Javascript, Typescript, Java

**Frontend:** NextJS, ReactJS, Redux, React-query

**Backend:** NodeJS

**Database:** MongoDB, NoSQL

### Experience

#### Pedals Up

Ahmedabad, India

Software Development Engineer I (SDE I)

December 2023 - Current

- Developed, tested, and deployed various decentralized applications (DApps) utilizing Solidity and Hardhat.
- Improved user interface scalability and performance with React.js and integrated backend with proxy servers and blockchain networks.
- Played a pivotal role in the progression of major projects from inception through completion, emphasizing effective communication with stakeholders and management in an Agile and DevOps environment.
- Demonstrated hands-on technical expertise in implementing and optimizing blockchain technologies, with a keen understanding of Distributed Ledger technology, Blockchain ecosystem, and structure.
- Leveraged expertise in designing and building libraries with a strong API design mindset, contributing to the development of robust and reusable components.

#### Blockchain Developer

September 2023 - November 2023

- Developed blockchain-based projects by developing consensus algorithms, leveraging Solidity and Ethereum development for smart contracts and web3 for clients.
- Reduced transaction costs by up to 50% through the optimization of tokenomics and interoperability, improved security by utilizing cryptography, and increased transaction speed by implementing technologies such as sharding.
- Implemented critical updates to enhance the overall security of the system and to resolve any existing issues.
- Created a custom consensus algorithm for improved scalability and faster transactions using Solidity.
- Implemented a package for automated auditing for smart contracts to ensure content is accurate and secure.

#### Ansorbit Technolabs

Ahmedabad, India

Software Development Engineer (SDE)

January 2023 - August 2023

- Created DApp, featuring full stack with React/ Redux, Node.js management, and public/ private key encryption.
- Applied comprehensive knowledge of Ethereum, Ether.js, and Web3.js library to develop robust and secure blockchain solutions, contributing to the reliability and integrity of decentralized applications.
- Enhanced project security by applying expertise in Elliptic Curve Cryptography (ECC) and continuously monitoring and adapting to the evolving landscape of blockchain security best practices.
- Collaborated closely with cross-functional teams to identify and address challenges, contributing to a culture of open communication and knowledge sharing.
- Engaged in continuous professional development, acquiring certifications or attending relevant workshops to stay current with advancements in blockchain technology and development tools.

## **Education**

### **GOVERNMENT ENGINEERING COLLEGE MODASA**

Bachelor of Engineering (BE), Computer Engineering

CGPA 7.46

Modasa, Gujarat

June 2023

### **Maharshi Gurukul Halvad**

HSC: Gujarat Secondary and Higher Secondary Education Board (GSEB), Science Stream

75.5%

Halvad, Gujarat

March 2019

### **Jivkorbai Lallubhai High School**

SSC: Gujarat Secondary and Higher Secondary Education Board (GSEB)

67.33%

Ahmedabad, Gujarat

March 2017