

# Dhruv Buddhhabhatti

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## PROFESSIONAL SUMMARY

Detail-oriented Blockchain and MERN Stack Developer with hands-on experience in building decentralized applications using Solidity, React.js, Node.js, Express.js, and MongoDB. Skilled in designing smart contracts, implementing ERC20 token systems, and integrating Web3/Ethers for secure on-chain interactions. Strong understanding of authentication, API development, and modern frontend frameworks. Proven ability to deliver scalable, efficient, and user-focused solutions through clean code, problem-solving, and best development practices.

## EDUCATION

<b>B.Tech In Information Technology</b>	<b>2023-2026</b>
Gyanmanjari Innovative University	Bhavnagar, Gujarat
<b>Diploma In Information Technology</b>	<b>2020-2023</b>
Gujarat Technological University	Bhavnagar, Gujarat

## SKILLS

**Programming Languages :** Solidity, JavaScript, Java

**Blockchain Development :** Smart Contract Development, ERC20, Ether.js, Hardhat, Testnet(Sepolia), Metamask

**Frontend Development :** React.js, HTML5, CSS3, State Management (Hooks, Context API)

**Backend Development :** Node.js, Express.js, Middleware Development

**Databases & Storage :** MongoDB, Mongoose

**Version Control & Tools :** Git, GitHub, Postman, NPM

**Soft Skills :** Critical Thinking, Problem Solving, Team Collaboration, Communication, Analytical thinking

## PROJECTS

### Voting DApp

- Developed a full-stack **decentralized voting application (DApp)** using **Solidity, ERC20 tokens, Ethereum blockchain, React.js, Node.js, Express.js, and MongoDB**.
- Implemented smart contract-driven voting logic, token authorization, user authentication, admin controls, and real-time on-chain interactions using Ethers.js.
- Developed a secure, immutable, and scalable voting system with end-to-end transparency and zero possibility of double voting.

### Token Marketplace Smart Contract (Solidity, OpenZeppelin)

- Developed a secure **ERC20 Token Marketplace smart contract** using Solidity and OpenZeppelin libraries (SafeERC20, SafeMath, Ownable).
- Implemented functionality for **token listing, buying, and transfers** with built-in overflow protection and safe transaction handling.
- Applied access control, ownership patterns, and reentrancy-safe operations to ensure contract security and reliability.
- Followed ERC20 standards and smart contract best practices, with testing using Hardhat for validation and deployment readiness.

### AI Resume Analyzer | React, Node.js, Gemini AI

- Developed an AI-powered web application that analyzes resumes against job descriptions to calculate ATS-style match percentage, identify missing skills, and provide actionable improvement suggestions.
- Integrated Google Gemini AI to generate structured, JSON-based insights and handled edge cases for unreadable or low-quality resume inputs.
- Built a full-stack solution with a React frontend and Node.js/Express backend, focusing on clean data flow and error handling.

## ACHIEVEMENTS

- Secured **Second Runner-Up** at *Hack-NU-thon 6.0*, **Nirma University's national-level hackathon**, by developing a blockchain-based file storage system using Solidity, IPFS, and React.js, enabling decentralized, immutable, and secure file management.