DEV SHRIMANKAR

Web3 Enthusiast, Smart Contract Developer, Solidity Developer

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LinkedIn | **GitHub** | **Portfolio**

SUMMARY

Third-year B.Tech Computer Engineering student (Marwadi University) with hands-on experience across the MERN stack and Solidity smart contract development. Building toward a Web3/blockchain career, with a target specialization in smart contract auditing and security. Learning path: JavaScript → Solidity.

TECHNICAL SKILLS

Languages: JavaScript, Solidity, TypeScript (learning), SQL basics

Frontend: HTML, CSS, Tailwind CSS, React, DOM manipulation

Backend / Databases: Node.js, Express (MERN stack), MongoDB, MongoDB Atlas

Blockchain / Web3: Solidity smart contract development, blockchain fundamentals, dApp development, smart contract auditing/security focus

Tools & Platforms: Git, GitHub, n8n workflow automation, Ollama integration, Antigravity

Networking (coursework): Cisco Packet Tracer — inter-VLAN routing, EtherChannel, DHCP, STP, WLC, security features

CERTIFICATIONS

- Solidity Smart Contract Development — Cyfrin — View Certificate ↗
- Blockchain Basics — Cyfrin — View Certificate ↗

PROJECTS

Gmblr. | *Full-stack dApp* View Project ↗

Gmblr is a Sepolia testnet lottery dApp where users connect their wallet, select a ticket, and compete to claim an on-chain prize pool. Built with React, TypeScript, wagmi, RainbowKit, and Solidity; the frontend was developed with Codex assistance, while I built the smart contract.

SimpleVault | *Full-stack dApp* View Project ↗

A simple full-stack decentralized application combining a Solidity smart contract with a web frontend. The contract handles core vault logic on-chain, while the frontend connects via Web3 to let users interact with it directly from the browser. Built as hands-on practice for connecting a JS-based UI to a live smart contract

PureSol | *Solidity practice* View Project ↗

A dedicated Solidity practice repository used for regular smart contract coding. Includes exercises covering contract structure, data types, and control flow, along with fixes for real compiler errors and type-overflow bugs encountered while learning. Serves as an ongoing log of Solidity fundamentals as they're picked up.

MiniBlockchain_js | *Blockchain simulator* View Project ↗

A miniature blockchain simulator built from scratch in JavaScript to understand how blockchains work under the hood. Implements core concepts like block creation, hashing, chaining blocks together, and basic validation — without relying on any blockchain library. Built to strengthen blockchain fundamentals before diving deeper into Solidity.

SMCP — Smart City Complaint Portal | *MERN stack website* View Project ↗

A full-stack MERN application that lets citizens file complaints and lets admins track and manage them through a dedicated panel. Built with a React/Vite frontend, Node.js/Express backend, and MongoDB (migrated to MongoDB Atlas) for data storage, with Git/GitHub used for version control from the ground up.

JustJavaScript | *JavaScript practice* View Project ↗

A recently created repository for practicing and learning core JavaScript — covering DOM manipulation, async/callback patterns, and small interactive apps (string checker, counter, login form, flip game). Used as a working sandbox for debugging JS issues and building UI logic before applying it to bigger projects.

COMMUNITY INVOLVEMENT

- Attended ETH Gujarat — "Road to Devcon" meetup, Ahmedabad — discussions included CROPS in blockchain

EDUCATION

Marwadi University | 3rd Year (Expected May 2028)
B.Tech, Computer Engineering — Faculty of Technology, Dept. of Information and Communication Technology

Marwadi University | 2022 – 2025
Diploma, Computer Engineering