

# SANDEEP CHAUHAN

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♦ [LeetCode](#) ♦ [GitHub](#) ♦ [Linkedin](#)

## SUMMARY

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I am a Blockchain developer proficient in Solidity , Rust(familiar) Smart Contract Development .I Specialise in building Smart Contracts , decentralised applications and build Defi smart Contracts, and Contribute Blockchain open source projects.

## PROJECTS

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### NFXP ( NFT Marketplace ) | [Github](#) | [Link](#)

- A web application built with React that enables users to create, buy, sell, and trade NFTs .
- Users can mint new NFTs, list them for sale, and purchase listed NFTs using their Ethereum account.
- It uses IPFS storage to store all NFT images and metadata.
- **Tech Stack : React ,Solidity , JavaScript , Web3.js , IPFS , Node.js , Foundry , MetaMask.**

### Charity Chain | [Github](#)

- Built **Charity Chain**, a blockchain-based transparent crowdfunding platform for NGOs.
- Implemented Ethereum smart contracts to manage donations, fund approvals, and withdrawals, Enhancing trust and anti-fraud mechanisms.
- Deployed a Next.js app with Metamask integration for seamless transactions.
- **Tech Stack : Solidity , JavaScript , Web3.js , Next.js , Hardhat.**

### SureDeal | [Github](#) | [Link](#)

- A blockchain-based escrow payment system for secure transactions between users and merchants
- Features include payment approval, shipment tracking, and dispute resolution with automated fund
- **Tech Stack : Solidity , web3.js , Foundry , Express ,Node.js , React.js , MetaMask .**

## Open-Source Contributions

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- **Crypto-Jaguars: Revo-contract Fixed issue #11** [\[PR\]](#)

Using Rust SDK ,Create a rating system for buyers and sellers to build trust in the marketplace.

- **Mediolano-App: Fixed issue #2** [\[PR\]](#)

Develop a Cairo smart contract that enables the minting of new digital assets with programmable licensing. These new assets will be derived from pre-existing NFT assets in the Mediolano.app portfolio.

- **Peer Protocol-peer on strk : Fixed issue #44** [\[PR\]](#)

Added `createBorrowProposal` function to generate borrow requests with tests for valid inputs.

- **ArkProjectNFTs Bridge: Fixed issue #234** [\[PR\]](#)

Added input validation in `setL1L2CollectionMapping` to prevent invalid addresses and emitted Events for transparency. Developed unit tests to ensure robustness.

- **SunSetLabs-Game: Fixed issue #7** [\[PR\]](#)

Feat: Management of Rare Items Obtained in Missions or Combats.

## EDUCATION

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**Chhatrapati Shahu Ji Maharaj University**

Kanpur ,UP

Bachelor of Technology Computer Science and Engineering

2021 - 2025

## RELEVANT COURSEWORK

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- Data Structures and algorithms
- DBMS
- Operating Systems
- Computer Networks

## SKILLS

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**Programming Languages :** Javascript , Solidity , Rust(familiar).

**Libraries / Frameworks :** React(familiar) , Node.js ,Web3.js , Express.js .

**Database :** MongoDB ,IPFS.

**Tools :** Foundry , Git , Linux .