Mahadeva Datta Mokkapati

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EDUCATION

- **BMS College Of Engineering | BE in CSE (IOT)**   Bangalore **| 12/2022 –07/2026**
  GPA **: 8.98**

- **Base PU College | Pre University Course (PCMC)**   Bangalore **| 06/2020 –03/2022**
  Percentage **: 93%**

PROJECTS

- **Blockchain-based Real Estate Dapp**: Built with **Solidity** and **Hardhat**, this DApp uses **NFT-based property tokens** and an **escrow contract** involving buyer, seller, lender, and inspector roles. Designed the frontend with **React** and tested smart contracts using **Chai** and **Mocha**.
- **Voter Application:** Designed and implemented a secure backend with **Node.js**, **MongoDB**, and **JWT authentication**, enabling **user registration**, **vote casting** and **results access**. Implemented **email confirmations** for verification and **rate limiting** to prevent DoS attacks. **Deployed** on Render for real-world testing and accessibility.

Internship Experience

- **Small Fare**   Remote | **03/2025 – 06/2025**
  Backend Developer Intern
  1. Tested and modified backend APIs for user, organizer, event, and ticket modules.
  2. Integrated Cashfree payments with webhooks and refund handling.
  3. Secured authentication using JWT, Redis OTP, and AES encryption.

SKILLS

- **Programming:** Java, C, C++, Javascript
- **Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js)
- **IoT Development:** Hands-on experience with Arduino, ESP32 projects
- **Databases:** SQL, MongoDB, PostgreSQL
- **Tools & Version Control:** Git, GitHub
- **Testing Frameworks**: Chai, Mocha

Achievements & Certifications

- Won Prizes in Coding and Maths Competitions
- Solved 400+ Questions on [Leetcode](#)