U PRATHVIK SHEREGAR

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ABOUT ME

I'm an enthusiastic Software Engineer and an absolute learner. My interests span across web development, cloud technologies, and databases, and I'm always keen to dive into new technologies.

Education

JSS Academy Of Technical Education   10/2022 – Present
BE in Computer Science and Engineering
CGPA: 8.6 (Till 5th semester)

S V Pre-University College   06/2020 – 06/2022
PUC (PCMC)
Percentage: 94.1%

S V High School   06/2019 – 08/2020
Secondary School (10th Grade)
Percentage: 94.4%

Skills:

Programming Languages: Java, C , python
Web Development: HTML, CSS
Databases: MongoDB, SQL
Tools & Platforms: Git, Linux

Projects

FundVerify – Public Fund Management System

- Developed a decentralized platform for transparent and traceable government fund allocation using blockchain technology.
- Integrated Ethereum smart contracts to automate fund disbursement based on project milestones and authorization rules.
- Enabled real-time tracking and public visibility of transactions through a Web3-based dashboard.
- Implemented AI modules for anomaly detection, automated auditing, and predictive fund misuse alerts.
- **Tech Stack:** Solidity, Ethereum, React.js, Node.js, Express.js, MongoDB, Web3.js, MetaMask, IPFS, Python (Scikit-learn)

Smart House Design Evaluator

- Developed a static website for evaluating basic house design layouts using core web technologies.
- Created interactive forms with JavaScript validation for users to input site dimensions and preferences.
- Implemented a design scoring system that evaluates layouts based on simple metrics.
- Built responsive comparison tables to display different house plan options side-by-side.
- Designed clean UI templates for different architectural styles using CSS Grid and Flexbox.
- **Tech Stack:** HTML, CSS, JavaScript, Git

Certifications

- Mongo DB for SQL Experts
- Course in Software Engineering
- Secured 3rd place in Hackathon – Geeks for Geeks
- Participated in the workshop on "GenAI and Its Applications"