SPANDAN BARVE

🌐 **www.marsian.dev**

@ contact@marsian.dev 📞 +91 9321 878 188 in spandan-barve ⭘ marsian83

EXPERIENCE

Sugar Labs 🌐 bit.ly/sugarlabs-contributions
Open source Contributor

- An Active open source contributor in the Sugar Labs community which has been participating in GSoC program since 2009.
- Actively worked on Sugar Desktop Environment using technologies like python, Gtk +3, pygame etc.

LetsLance
Technical Executive

- Worked as a Full Stack developer for 3 months and was then promoted to a technical executive
- Responsible for software architecture and design decisions for multiple projects and managing their respective teams

ShantiTrip Holidays 🌐 shantitrip.in
Web Developer

- Single handedly developed a production website for the startup, shantitrip holidays
- Developed a server side rendered SPA with Nuxt3, the meta framework for Vue3 and employed image optimization, SEO and designed the UI/UX to deliver industry grade user experience

PROJECTS

AgroSurance 🌐 bit.ly/agrosurance
Web3 Dapp

- Agrosurance enables farmers and agricultural stakeholders to access fair and transparent insurance coverage
- By fetching real-time data from trusted external sources using Chainlink functions, the platform accurately determines premiums and validates claims based on predefined rules and trigger

Trustpoint 🌐 bit.ly/trustpoint
Web3 Dapp

- Created a Dapp where game studios and influencers can collaborate on NFT deals
- Used React and Tailwind for frontend and express for backend
- Prisma was used as an ORM and hardhat was used for smart contract development

MarsEngine 🌐 bit.ly/marsengine
C++ Rendering Engine and Physics Simulator

- Created a scripting language 'marsng' to describe physical entities in a custom physics engine made on marsengine.
- The physics engine describes forces such as gravity, gravitation, friction, collisions etc.

ACHIEVEMENTS

🧊 **Chainlink Spring Hackathon' 2023**
AgroSurance stood a Winner in 'Tech for good' Category in Chainlink spring hackathon 2023 among 500 project submission.

🌐 bit.ly/AgroSurance

◆ **EthForAll Hackathon**
Trustpoint stood a winner in the EthForAll hackathon with over 430 project submissions

🌐 bit.ly/trustpoint

🏆 **Flipr Hackathon**
Stood a Winner in a National level hackathon organised by flipr

⭘ marsian83/MarsManage

SKILLS

Languages

Python C/C++ JavaScript
SQL TypeScipt Bash C# GO

Web Development

React Vue NodeJS Express
Django Flask Firebase FastAPI
REST APIs TailwindCSS Nuxt Bootstrap
HTML CSS

Blockchain

Solidity Hardhat Truffle EthersJs
Web3.js Web3.py ipfs Ganache
ERC Convention

Database Systems

MySQL PostgresSQL MongoDB
Realm CassandraDB Redis SQLite

Dev Ops / Cloud

AWS Vercel Firebase Docker
GCP Heroku Netlify
Replit Kubernetes Jenkins