Sandeep Kumar
Full Stack Developer

✉ hello@satyasandeep.in
📞 +91 89784 94898
📍 Bengaluru, India. 560016
in linkedin.com/in/satyasandeep
⌗ github.com/satyasandeep007
🌐 satyasandeep.in

Hackathons

Certifi: Digital Certificate Issuance & Management using Blockchain

*CoinSwitch || **Participation***

Features:
- A Decentralized platform where Issuers can issue a certificate against user & can revoke at any time.
- Users can share their certificates with anyone on blockchain using their public key for a period of time.
- Created a Verifier Portal where companies/individuals can verify the authenticity of certificate.
- Developed a User portal where user can see both his certificates & certificates which are shared against his public key.
- Used Hardhat to compile , deploy contract to ropsten testnet.

  Tech Stack : Solidity, Hardhat, Tailwind, ReactJS, Remix, Ethers JS

Demo : https://certifi-novobloc.netlify.app

fundMeOnEth: Decentralized Content Creator funding portal

*iNeuron.ai || **2nd Prize***

Features:
- A Decentralized platform where users can donate their favorite content creators in **ETH.**
- Created User Dashboard where user can see how much crypto they donated & Creator Dashboard where creator can see how much he received and entire transaction history.

  Tech Stack : Solidity, Hardhat, Tailwind, ReactJS Remix, Ethers JS

Demo : https://fundmeoneth.netlify.app

Projects

Mebloc: Decentralized Patient Data Management using Blockchain

Features:
- A Decentralized platform where patient medical data can be shared across blockchain with consent of user.
- Created Smart contract in solidity to handle the logic of uploading records into blockchain, giving access, revoking access.
- Created Hospital portal where hospital uploads records against patient wallet address & patient portal where he can view, share his records, .
- Used Ganache, Truffle to compile & deployed contract to kovan testnet.
- Integrated smart contract in react app using ethers js library.
- Implemented Context to store Contract details and other data.

  Tech Stack : Solidity, Hardhat, Tailwind, ReactJS, Remix, Ethers JS

Demo : https://mebloc.netlify.app

NFTMart: A Market Place for NFTs on ethereum blockchain

Features:
- A NFT Market Place where users can Create, Buy, Sell NFTs on ethereum blockchain.
- Created Smart contract in solidity as per ERC721 standard using openzeppelin library.
- Implemented IPFS to store images in frontend using PInata by integrating pinata apis in to react
- Deployed Smart Contract to Goerli testnet with help of Hardhat & Alchemy.

  Tech Stack : Solidity, Pinata, IPFS, Alchemy, Hardhat, Tailwind, ReactJS, Remix, Ethers JS

Demo : https://nft-mart.netlify.app

Skills

- JavaScript
- TypeScript
- React JS
- IPFS
- Node
- HTML & CSS
- Tailwind CSS

- Docker
- Ethers JS
- Remix
- GIT
- AWS
- MongoDB
- SQL(MS)

- Solidity
- Web3 JS
- Truffle
- HardHat
- Moralis
- EVM(Ethereum)
- Loop Back

About Me

A Full Stack Web Developer with experience around 3 years and is keen on learning blockchain technology and building DApps on Ethereum Blockchain using solidity.

Education Background

Bachelor Of Engineering
SCSVMV University
2014 - 2018

Professional Experience

Transak

2021 Jul– Present

Developer Integration:
- Integrated Edge Wallet and Ledger one of top wallet providers into our widget to make our partners users experience smooth by customizing some widget actions.

Retool Dashboard:
- Maintained Retool Application as admin taking ownership.
- Developed, Re Designed several pages using mongo aggregations.
- Created Partner Commission Dashboard where our ops team can handle the payouts of partners.
- Created Stats pages with diff charts, graphs for different teams for Monitoring purposes.
- Created Dashboards for ops team to action user KYC, orders manually from retool.
- Converted 40+ Mongo Write Queries to REST APIs and integrated them in to the service.
- Assisted colleagues in creating retool pages, fixing issues with mongo queries.

Partner Management:
- As a part of Partner team, created partner micro service, developed new APIs & maintained the service.
- Revamped Partner Dashboard with more filters to improve UI/UX.

Admin Dashboard:
- Created a new Micro Service to have APIs to update DB from retool by our internal team.
- Created Audit Logs to monitor the agent activity over retool dashboard to help leads to know the performance of agents.

Logicarts

2020 Feb – 2021 Jun

Admin Dashboard:
- Developed an Internal Dashboard for employees and supervisors. Main Features includes Vehicle, Vendor, Route creation, Trip generation along with search and filters.
- Developed EMS, where employees attendance can be monitored on a map and as well as list view.
- Implemented Driver Tracking and Shipment Tracking by capturing lat long by scanning in mobile app. Supervisors can segregate shipments to each vehicle by drag and drop and assign drivers to those vehicles.
- Developed Driver Tracking feature where drivers are shown on map in real time with predefined routes along with shipments.
- Built few custom analytics pages with various charts and graphs with the help of Canva JS and react-chartjs-2 libraries.
- Developed Billing Management System Tool, where all employees raise tickets with attachments and accounts team have access to all tickets and process the payment after getting approval from managers. It has 3 different logins & UI each for employee, manager and finance team.

GPS Dashboard:
- Internal Application developed for live tracking of all vehicles which are having GPS device fixed.
- Employee can edit vehicle number if the vehicle got replaced and can generate reports in excel format for selected time range.

Client Dashboard:
- A Platform developed for our clients where they can place order with us and can track the order from pickup to delivery and download shipping labels and manifests
- They can group orders based on filter and can load it to a vehicle in Route Planning page
- They can assign a captain to the assigned vehicles in Captains page
- We have provided an option for clients to place orders in bulk by uploading required data in an excel sheet

Achievements

- Created Dashboards in Loggly & Sentry to monitor the performance of or backend apps and for better handling of errors.
- Worked with query params in our widget & our public npm library which is used for integration in React JS & fixed issues related to these.
- Created & Maintained Public API documentation in Postman & Stoplight.
- Optimized query performance, page performance by converting JS queries to mongo aggregations.
- Had calls with our partners to understand their problems during the integration and assisted them in resolving those issues.

- Developed 200+ REST APIs for mobile apps & dashboards in Node & Express and maintained documentation in Postman.
- Integrated various third party APIs in both server side and client side. Integrated Flipkart, Amazon and Delhivery APIs in order to push live tracking data to their portals.
- Configured domains and sub domains using DNS on cloudfare and added SSL to each subdomain using certbot.
- Used AWS EC2 & Nginx & pm2 to deploy Node Prod server and Heroku to deploy Node Dev server.
- Designed and generated barcoded and QR code labels along with shipping information for few clients for shipment tracking.
- Sent Push Notifications using Firebase to customers in Nodejs.