Sai Shanmukh Madumuri

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EDUCATION

Vellore Institute of Technology   Vellore, TN
Bachelor of Technology in Electronics and Communication   *Jul. 2018 – May 2022*

Bhashyam Junior College   Guntur, AP
PCM   *Jul. 2016 – May 2018*

TECHNICAL SKILLS

Languages: C/C++, JavaScript/Typescript, Python, Solidity, Bash, HTML/CSS
Frameworks and libraries: React, Next.js(SSR, SSG, ISR, CSR), Redux, GraphQL, Apollo, Node.js, Express.js,
Nest.js,Web3.js, Ethers, Flask, Tailwind CSS, Sass, Chakra UI, Emotion
Tools: Git, Docker, Linux, TypeORM, Prisma, Google Cloud Platform, Firebase, microcontrollers
Databases: PostgreSQL, MySql, Redis, MongoDB

EXPERIENCE

Chair Person of SOLAI Club VIT   Jan 2021 – Jan 2022
Vellore Institute of Technology   *Vellore, TN*
- Made it nominated as the Best Technical club out of 30+ clubs
- Escalated the growth and reach of the club by 150% with external collaborations and innovative AgriTech events
- Managed and lead 150+ people with teams including Management, Public Relations, Technical, and Finance. in turn, Learnt a lot of team management skills

Freelance Developer   Jan. 2022 – Present

- Worked on several React and Frontend Projects
- Developed and maintained the website, front and back-end functionality of the website and worked with several blockchain projects
- Installed and setup of existing the website, fixing website bugs and enhancing the website for a client.

PROJECTS

Personal Expense Log | *Typescript, React, SCSS , PostgreSQL, Prisma, Docker*
- Developed a full-stack web application using with Express.js for API with React as the frontend and PostgreSQL
- Categorize spending, searching and sorting to view the data as per user needs
- User authentication, CRUD functionalities, for users and transactions
- React-query for API queries and SCSS for the styling

Reddit Clone | *Next.js, Typescript, GraphQL, PostgreSQL, Redis, Express, Docker*
- Developed using Typescript Express, graphql for the server and Next.js, Apollo client for the Front end
- Implemented Next.js SSR and client side caching with urql then apollo graphql and Chakra UI
- Used Postgres with typeorm for db. redis for sessions and cache
- Implemented user authentication, forgot password and CRUD functionality

Portfolio Website | *Next.js, Typescript, SCSS*
- Developed using TypeScript, Next.js SSG and SSR
- Used MDX for the Blog, next-contentlayer for blog management and Vercel open graph dynamic image generation
- Utilized SCSS for styling, Prism for the code highlights and Framer Motion for animations
- Used Umami for tracking and statistics