Sai Kumar Mandava

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Work Experience

Cloud Express Solutions Pvt. Ltd.   Bengaluru
Software Developer   July 2024 - Jan 2025

- Spearheaded the development and deployment of MERN stack applications, delivering tailored solutions to meet business needs. Enhanced functionality and user satisfaction through responsive React UIs and seamless API integrations. Demonstrated a strong commitment to code quality and project deadlines.
- Consistently focused on driving impactful results through collaboration and technical excellence.

1990 Minds & CO   Bengaluru
Associate Software Developer   May 2023 - June 2024

- Lead frontend development with React, Tailwind CSS, and CSS for styling, and ensure responsiveness using Material-UI[MUI]and Ant Design to create intuitive, scalable, and visually appealing interfaces.
- Drive backend development using Node.js and Express.js, ensuring the creation of robust and scalable tools.
- Deploy applications to Firebase for scalable hosting and utilize DigitalOcean for reliable and efficient cloud hosting solutions.

Projects

Total Connect   React.js,Node.js, Redux, Redux Thunk, MongoDB, Material UI

- Developed a B2B platform using the MERN stack (MongoDB, Express.js, React.js, Node.js) for seamless supplier and employer onboarding.
- Created dynamic dashboard analytics with Recharts for detailed data visualization and reporting.
- Implemented admin features for profile management, product validation, and ticket resolution.
- Enhanced user experience with guided onboarding and comprehensive help sections.

The Learning Minds   React.js,Node.js, Redux, Redux Thunk, MongoDB, Ant Design

- Built "Learning Minds," featuring CMS with admin, CRM, and student dashboards. Implemented secure user roles, content management, and Firebase integration for student interaction and Google login.
- Technologies: React, Node.js, MongoDB, Redux, Redux Thunk, Ant Design, Firebase, Google Login API.

Modular Homes Estimation & 3D Visualization   React.js,Node.js, Redux

- Implemented a MERN stack for modular home estimation and 3D visualization, leveraging React with Three.js for immersive rendering and React-to-Print npm for dynamic Bill of Materials generation.
- Technologies: React, Node.js, MongoDB, Redux, Ant Design.

TechnicalSkills

Programming Languages	JavaScript
Libraries/Frameworks	React.js, Express.js, Node.js, HTML5, CSS3, Redux, Redux Thunk, Bootstrap, TailwindCss, WebPack, D3.js, Recharts
Database	MongoDB, Firebase
Platforms	Firebase, Vercel, gh-pages, GitHub, Git, Digital Ocean

Education

Surana Educational Institutions   Bengaluru, India
Master's in Computer Applications [MCA]   2021 - 2023
- 8.9 CGPA

Sri Netaji Degree College   Andhra Pradesh, India
Bachelor's in Computer Science   2018 - 2021
- 8.7 CGPA

Vikas Junior College   Andhra Pradesh, India
Intermediate[MPC]   2016 - 2018
- 9.3 CGPA

Vikas Vidhya Vihar   Andhra Pradesh, India
SSC   2015 - 2016
- 9.2 CGPA

Publications

Authored the paper 'AI Solution Generator for Specific Model Architecture,' which was published in the International Journal of Scientific Research in Engineering and Management (IJSREM).

- DOI : 10.1108/ACI- 05- 2021- 0130   August - 2023

Certifications

JavaScript, Bootstrap	Udemy
React.js Essentials	Simplilearn
HTML & CSS	Lets Upgrade