Raja Sekhar K

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Relevant Experience

Software Engineer . **Classic Informatics**   Nov 2021 — April 2023

- Developed a responsive e-commerce admin dashboard using Material-UI, React, and created APIs for efficient data management, integrating MongoDB for robust storage and retrieval.
- Utilized Material-UI components to craft a user-friendly and visually appealing interface, enhancing product, order, and user management.
- Leveraged Nivo DataViz components to provide interactive data visualizations, empowering administrators with data-driven insights into sales trends and inventory.
- Designed a scalable and adaptable architecture, ensuring that the admin dashboard meets evolving business needs while optimizing performance and cross-browser compatibility.

Software Engineer . **Clidio**   Aug 2021 — Oct 2021

- Successfully refactored a React-based SaaS app for gas line workers, introducing modern design and functionality improvements, including dashboards for visualizing data in various formats, enhancing schedule management, workplace task tracking, and event planning.
- Enhanced the user interface with Tailwind CSS, resulting in a user-friendly experience that boosts productivity.
- Optimized the React codebase and architecture, ensuring scalability to meet the evolving needs of gas line workers.

Software Engineer . **Haberdasher**   Nov 2018 — May 2021

- Led full-stack development of a custom men's apparel e-commerce platform, utilizing the MERN stack with Firebase as the backend, resulting in a fully functional, responsive website
- Engineered an customizable design system that empowered customers to personalize their tailored clothing, enhancing the user experience and setting our platform apart.
- Collaborated with cross-functional teams, integrated dynamic forms, and prioritized user authentication and security, contributing to the startup's growth and innovative impact in the e-commerce space.

Selected Projects

MERN Stack Web Application with Next.js

- Developed a robust, multi-threaded web application using the MERN (MongoDB, Express, React, Node.js) stack with Next.js, creating a responsive, user-friendly platform.
- Implemented a highly efficient, multi-threaded architecture to manage concurrent tasks, enhancing the application's scalability and responsiveness while optimizing system performance.

Admin Dashboard with Dynamic Data Visualizations

- Independently developed an interactive admin dashboard featuring dynamic charts, maps, and line graphs for visualizing key metrics such as sales trends, user activity, and revenue on various time scales.
- Utilized the MERN stack, Material-UI, and Nivo graphs to create visually appealing and data-rich visualizations, enabling data-driven decision-making for administrators.

Skills

Programming Languages

JavaScript, TypeScript, HTML
CSS, Sass

Libraries & Frameworks

React, Next.js, Tailwind,
Material UI, Node.js

Tools & Platforms

Git, Netlify, WordPress, Firebase

Design

Adobe XD, Figma, Photoshop
Illustrator.

Education

Indian Institute of Technology Madras

Bachelor of Technology in Computer Science and Engineering

Interests

Gardening, Dogs, Family Time
Running, Travel.