Kaustubh Bhagwat

Full Stack Developer

kaustubhpb@gmail.com
Pune, Maharashtra
https://kaustubh.app
LinkedIn
Github
Behance

CAREER OBJECTIVE

Seeking a challenging Full Stack Developer role that leverages my experience in building robust, scalable, and user-friendly web applications.As a highly motivated and detail-oriented individual, I am eager to join a dynamic team that values innovation and collaboration to drive impactful solutions.

SKILLS AND TECHNOLOGIES

Frontend: React, VueJS, Svelte, HTML, CSS, TailwindJS, Three.js
Backend: ExpressJS, Socket.io
Database: MongoDB, MySQL, PostgreSQL
Certifications: Microsoft Azure AZ-900
Tools used: Jira, Figma, Photoshop

EDUCATION

B.Tech CSE (CGPA 7.65)
Pune University (2016 - 2021)

LANGUAGES

English, Marathi
Hindi, Kannada

WORK EXPERIENCE

Full Stack Developer @ Antarctica Global

January 2022 - Present- 1 year 3 months, Remote

1. Designed and developed scalable applications using React, Node, PostgreSQL, and MongoDB for various industries fighting against Climate Change.
2. Collaborated with cross-functional teams to analyse requirements, design system architecture, and implement innovative and sustainable solutions.
3. Conducted extensive testing and debugging to ensure reliable, usable, and high-performance applications.
4. Leveraged expertise in emerging technologies, best practices, and industry standards to improve operational efficiency and drive business growth, delivering high-quality work on time.

WORK PROJECTS

1. Health Department Inventory Management System

- On-demand inventory management system to track medical assets and supplies for a US State.
- Created a user-friendly dashboard and inventory management pages with intuitive navigation, allowing department staff to view real-time inventory levels, track medical supplies, identify waste, and adjust stock quantities, ensuring adequate inventory levels to support patient well-being..
- Developed datasheet pages with detailed information about each medical asset, including expiration dates, manufacturer details, registered hospital details and usage instructions, enabling department staff to make informed decisions about inventory management.
- Built an alert page that sends real-time notifications to department staff when inventory levels are running low or medical supplies are nearing their expiration dates, ensuring that hospitals always have access to the supplies they need.

- Created a Progressive Web Application (PWA) version, enabling department staff to install the application on their smartphones for quick and easy access to the system, without the need to download and install a native application
- Implemented a similar project for the same client for a Lab Management System, with asset management and real-time monitoring of sensors such as temperature and humidity sensors to ensure climatic compliance and prevent spoilage of lab samples.

2. Electric Bike Asset Management System

- An IoT-based ecosystem to track and manage in-field assets – batteries, bikes & swapping stations - with real-time data.
- Developed a website with a real-time dashboard for tracking and managing electric bike assets.
- Integrated real-time data such as battery percentage, temperature, and speed to provide users with a comprehensive view of asset performance and usage patterns.
- Built functionality to add and manage batteries, bikes, and swapping stations directly from the dashboard, streamlining the asset management process and reducing administrative overhead.
- Implemented real-time location tracking on a map to provide users with up-to-date information about the location and status of each asset.

3. Lab Management System

- An IoT-based lab monitoring system to ensure climatic compliance.
- Implemented asset management and real-time monitoring of sensors such as temperature and humidity sensors to ensure climatic compliance and prevent spoilage of lab samples.
- Built a summary log page that allowed users to view monthly logs for assets, including any that reported out of range. The ability to add corrective action helped to quickly address any issues that arose, ensuring the continued preservation of lab samples.
- Developed an alerts module that notified users when a sensor went out of compliance range. This feature provided users with timely notifications, allowing them to take corrective action before any samples were compromised.
- Developed a reusable component library for consistent user experiences across Lab, Health Department and upcoming management systems resulting in increased development efficiency

Feel free to check all my other projects on my website!