BHUKYA VENKAT SAI RAM

📞 +91 9652736168   ✉ heliobvsr2002@gmail.com

🐙 venkat2305   in bhukya-venkat-sai-ram   🌐 Crio Portfolio

PROFILE SUMMARY

Full Stack Developer with experience in building analytics websites and content management systems at Aadhan Media. Proficient in both frontend and backend development using **React.js**, **Next.js**, **Material-UI**, **Ant Design**, **Tailwind CSS**, **FastAPI**, and **MongoDB**. Passionate about creating high-quality software and implementing best practices in testing and development.

SKILLS AND EXPERTISE

Programming Languages: JavaScript, TypeScript, Python, C++

Frameworks and Libraries: React.js, Redux Toolkit, FastAPI, Next.js, MongoDB, SQL ,Node.js, Express.js, Flask, Material-UI, Ant Design, Tailwind CSS, Bootstrap, Swiper.js, Selenium

WORK EXPERIENCE

Jr. Full Stack Engineer — Aadhan Media — Hyderabad   **May 2024 - Present**
- Developed analytics websites to track content production and engagement metrics using **React.js** and **Material-UI**.
- Integrated **YouTube Data and Analytics APIs**, **Google Analytics Data APIs**, and **MongoDB pipelines** for insights in analytics website.
- Implemented **FastAPI** backend services and **MongoDB** for efficient data handling.
- Worked on **Razorpay** payment processing for content contributors, enhancing financial operations.
- Utilized **Apache Pinot** for event-driven analytics, querying app-triggered event data stored in **SQL** tables and generating actionable reports.

PROJECTS

AI Chatbot Application Demo Link
- Developed an interactive AI chatbot application using **React.js** and **Ant Design**, facilitating dynamic user queries and responses with multiple AI models via **OpenRouter** and **Groq**.
- Implemented **localStorage** for secure, client-side storage of conversations, enhancing privacy and user control.
- Utilized **React Router** for seamless navigation, including a dedicated page for viewing saved conversations.

QTify Demo Link
- Developed a song-browsing application using **React.js**, **Material-UI**, and **Swiper.js**.
- Conducted thorough analysis of design requirements from Figma prototypes.
- Created modular UI components like Cards, Carousels, and Buttons for reusability.
- Implemented genre-based song filtering using customized Material-UI Tabs.
- Fetched music data from backend REST APIs for real-time song information.

Search Engine with TF-IDF Demo Link
- Designed and developed a LeetCode search engine using **Python**, **Selenium**, and **TF-IDF** algorithm for an Algozenith hackathon.
- Scraped and compiled a comprehensive repository of LeetCode questions using **Selenium**.
- Implemented a **Flask** web application for user queries, displaying related questions based on TF-IDF ranking.
- Improved search accuracy by leveraging TF-IDF to rank questions matching the user query.

QKart Demo Link
- Developed an e-commerce application offering a variety of products using **React.js**, **React Hooks**, and **JavaScript**.
- Implemented authentication, shopping cart, and checkout functionalities with **REST APIs**.
- Improved UI with responsive design elements using **Material-UI** for a uniform experience across devices.
- Utilized **localStorage** to persist user information and shopping cart data.

XPense Tracker Demo Link
- Built XPenseTracker from scratch using **React.js** and **local Storage** for date storage.
- Created a user-friendly interface with comprehensive form validations and budget calculations.
- Implemented real-time data updates and transaction management using Redux.

QTrip Dynamic Demo Link
- Built a dynamic travel website using **HTML**, **CSS**, and **JavaScript**.
- Enhanced user experience with multi-select filters and image carousels using **Bootstrap**.
- Utilized **localStorage** to persist user preferences and facilitated reservation form submission using **Fetch API**.
- Implemented responsive design for seamless user experience across devices.

QTrip Static Demo Link
- Created static web pages from wireframe layouts using **HTML**, **CSS**, and **Bootstrap**.
- Utilized **Bootstrap** extensively for responsive design and layout.
- Implemented **CSS Flexbox** and **CSS Grid** for page structuring.

EDUCATION

Year	Degree/Exam	Institute
2024	B.Tech in Electronics & Electrical Communication Engg.	Indian Institute of Technology Kharagpur