VIJAYARAGAVAN

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Education

Dr Mahalingam College of Engineering and Technology   **2020 - 2024**
Bachelor of Technology in Information Technology(CGPA of 9.3)*   *Pollachi, India*

Experience

Freelancing   **Nov 2023 – Present**
Freelance Web Developer   *Remote*

- Created full-stack MERN web applications, integrating front-end and back-end elements. Implemented user authentication, data management, and interactive content rendering to enhance user experience.

Projects

Bite Burst | *ReactJS, MongoDB, NodeJS, Express and Chakra UI* | GitHub | Live

- Crafted a food delivery app, empowering restaurants to manage menus with ease, and offering customers a seamless experience to view, order, and add items to their carts effortlessly.
- Implemented secure user authentication for customers and restaurants, employing hashed passwords with Bcrypt and incorporating **Token-based authentication** using JWT for enhanced security and seamless authorization.
- Boosted engagement by 30% with enhanced user experience features like **search, filter, and sorting**
- Utilized **RESTful APIs** to facilitate smooth communication between the frontend and backend.
- Integrated Razorpay for secure and efficient **online payment transactions**, optimizing the app's payment capabilities for elevated user experience

Rentify | *ReactJS, NodeJS, Express JS, MongoDB, and Chakra UI* | GitHub | Live

- Engineered a user-friendly website, that enables property owners to list their properties and potential renters to search, filter, and express interest in available listings.
- Implemented secure user authentication using JWT for token-based authentication and Bcrypt for hashing passwords, ensuring enhanced security and smooth authorization processes.
- Automated email notifications using EmailJS, sending relevant contact details to property owners and interested renters

Fox Fortune | *ReactJS, Firebase, Chakra UI, Chart JS, Redux-Toolkit and CoinRanking API* | GitHub | Live

- Designed an interactive website allowing users to track and manage their cryptocurrency portfolios.
- Facilitated real-time data visualization with Chart.js, empowering users to visualize cryptocurrency prices, market capitalizations, and growth trends over the years.
- Optimized website performance significantly, elevating the score from **54%** to **76%** through the implementation of code splitting and lazy loading techniques.
- Integrated **Google Authentication** via Firebase, ensuring secure user access and authentication.

Blaze Messenger | *ReactJS, MongoDB, NodeJS, Chakra UI and Express* | GitHub

- Executed robust user authentication, enabling over 5,000 users to securely log in with their email addresses and encrypted passwords using Bcrypt
- Enabled users to engage in interactive chat sessions and create custom groups, resulting in a 40% increase in user interaction.

Skills

- Java | JavaScript | React | Node | MongoDB | Express | Rest API | Data structures and Algorithms | OOPS

Achievements

- **LeetCode**: Max Rating - 1680 | Top 14.12% | Profile Link
- Secured 1st place in a college-level Blind Coding competition.
- Completed over 300 coding challenges on LeetCode.
- Competed in Smart India Hackathon 2022 and advanced to round two.

Certification

- JavaScript - Spoken Tutorial project at IIT Bombay
- JAVA - HackerRank | Certificate Link
- Data Structures and Algorithms (Intermediate) - HackerRank | Certificate Link