

# VIJAYARAGAVAN

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

## Education

**Dr Mahalingam College of Engineering and Technology**

*Bachelor of Technology in Information Technology (CGPA of 9.5\*)*

**2020 - 2024**

*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 and meet client needs.

## 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.
- Improved user experience with advanced features, including **searching, filtering, and sorting** functionalities.
- 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

**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, allowing 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, with the ability to add or remove members flexibly.

**Employee Tracker** | *ReactJS, NodeJS, Express JS, MongoDB and Bootstrap* | [GitHub](#)

- Engineered a user-friendly website for accessing and modifying employee data, with administrative capabilities for CRUD operations.
- Utilized Axios for efficient handling of get/put/post requests to the server, ensuring smooth data interactions.
- Crafted a robust and scalable database schema, optimizing data storage and retrieval efficiency for enriched application performance.

## Skills

- Java | JavaScript | React.js | Node.js | MongoDB | Express.js | Rest API | HTML | CSS | JWT | Python.
- Data structures and Algorithms | OOPS | DBMS | OS | Computer Networks.

## Achievements

- LeetCode**: Max Rating - 1607 | Top **21.3%** | [Profile Link](#)
- Placed **3990<sup>th</sup>** rank among 26,000+ participants in LeetCode BiWeekly Contest 121.
- Placed **775<sup>th</sup>** rank among 33,000+ participants in **Codechef** Starters 119 Division 3.
- Completed over **300** coding challenges on LeetCode.
- Competed in **Smart India Hackathon 2022** and advanced to round two.
- Academic Excellence Award**: Awarded **3<sup>rd</sup>** prize for maintaining an exceptional CGPA throughout the academic program.

## Certification

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