

Vaibhav Kumar

Full Stack Developer

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Profile Summary

Proficient in the **MERN** stack with a solid foundation in building scalable full-stack applications. Experienced in leveraging **AWS** and **Render** for deployment

Projects

Visualisation Dashboard | [GitHub](#) | [View](#) | *Node.js, Express.js, Mongoose, React, D3Chart.js* **August 2024**

- Created a visualization dashboard to highlight the intensity, relevance, and likelihood across different energy sectors.
- Developed a pie chart using **D3.js** to visually represent all the fields.
- Designed and implemented RESTful API for efficient management and updating of UI fields.
- Implemented **JSON Web Token** for authentication and authorization
- Used **Mongoose** for Database Management System
- Deployed using **Render** and **Netlify**

Apatani Interdisciplinary | [GitHub](#) | [View](#) | *Node.js, Express.js, React, MongoDB, Render, Cloudinary* **August 2024**

- Developed a platform as a freelancer where users can access thesis reports of the Apatani tribe from Arunachal Pradesh's Dehra Natung Government College, including work from graduates and alumni.
- Utilized **MongoDB** for database management.
- Leveraged **React** to build a responsive and dynamic user interface for enhanced user experience. .
- Utilized **Cloudinary** to efficiently manage and upload data fields to the cloud. .

Post Away | [GitHub](#) | *Mongoose, Express.js, Node.js, Postman* **June 2024**

- Crafted a social media platform powered by a RESTful API, enabling users to post content, comment, and send friend requests seamlessly.
- Utilized Mongoose for database management system
- Utilized **Multer** for uploading images and videos, and implemented **JWT (JSON Web Token)** for secure authentication and authorization as middleware.
- Employed **Bcrypt** to hash passwords, enhancing security before storing them in the database.
- Utilized **Postman** to test and validate the functionality of the RESTful API.

Stock Market Analysis | [GitHub](#) | [View](#) | *JavaScript, Html, CSS, Apex Chart* **January 2024**

- Developed a stock market analysis tool that visually represents stock values by month, providing comprehensive insights into market trends.
- Deployed ApexCharts to create dynamic and interactive graphs for the visualization dashboard.
- Used HTML and CSS for styling the user interface.

Technical Skills

Programming Languages: HTML/CSS, JavaScript, C, C++, Python, Java

Databases: MongoDB, Firebase, MySQL

Version Control: VS Code, GitHub, Render, Netlify

Library: React, Express,

Additional Skills: DSA, OOPS, Linux and Bash

Soft Skills: Detail Oriented, Problem-Solving, Communication, Team Work

Education

North Eastern Regional Institute of Science and Technology (CGPA: 7.39) **2023**

Bachelor of Technology in Computer Science and Engineering

Nirjuli, Arunachal Pradesh

Trainings

Coding Ninjas **August 2023 – August 2024**

Full Stack Web Development

- [Backend](#) | [Frontend](#) | [React](#) | [Generative AI](#) | [Data Structure](#)

Achievements

- Served as the College Event In-Charge for the technical fest "Shristi". .
- Earned Qualified Soft Skills badge from Coding Ninjas.
- Solved more than 200 problems of Data Structures and Algorithms in Java on Code 360 by Coding Ninja and around 100 problems from Leet Code