

VIKAS PATEL

Varanasi, Uttar Pradesh

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PROFILE SUMMARY

I am a **CSE graduate from IERT**, a solid foundation in both **frontend and backend development**. Proficient in **C++, JavaScript, React.js, Node.js**, and **MongoDB**, I have developed projects such as a **Photogram** and a **Twitter clone**. Rated **1632 on CodeChef**, I presented a **research paper** on a **blockchain-based Twitter DApp** at **ICICCT-2024**. With over **700 problems solved on GFG, LeetCode, and HackerRank**, I am dedicated to **full-stack development** with a strong focus on **backend technologies and DSA**, making me an ideal candidate for **Software Development** roles.

PROJECTS

PHOTOGRAM [Link](#)

- Developed a **social media application** leveraging **React.js, Node.js, Express.js**, and **MongoDB**, enabling users to create accounts, post photos, and engage in social interactions.
- Implemented **secure authentication** with **JWT (JSON Web Tokens)** and **bcrypt** for password hashing, and utilized **Redux Toolkit** for efficient **state management** and **real-time updates**.
- Designed a **dynamic and responsive UI** with **Tailwind CSS**, ensuring an **intuitive user experience** and **cross-device compatibility** for improved **user engagement**.

TWITTER-CLONE [Link](#)

- Developed the front end of a **Twitter clone** using **React.js, JavaScript, Node.js**, and **MongoDB** for a responsive and dynamic user experience.
- Built and managed **tweet creation, retrieval, and deletion functionalities** with **React, Redux Toolkit**, and **MongoDB**, ensuring efficient **global state management** and seamless **data flow**.
- Currently learning **JWT-based authentication and authorization**. Implemented **user authentication and authorization** in **Node.js** and **Express.js**.

PORTFOLIO [Link](#)

- Created a complete **portfolio website** with sections such as **Home, About Me, Qualification, Projects, Contact, Experience**, and **Skills**.
- Ensured the website is **user-friendly** with **clickable buttons** and **smooth transitions** between sections, allowing visitors to easily **navigate** and explore my **work and skills**.
- Implemented **responsive design** techniques to ensure the website functions **seamlessly** across various **devices** and **screen sizes**.

TECHNICAL SKILLS

Languages: C++, C, JavaScript

Frontend Technologies: HTML5, CSS3, React.js, Bootstrap, Tailwind CSS.

Backend Technologies: Node.js, Express.js, MongoDB, JWT Authentication, Postman.

IT Constructs: DSA, Object-Oriented Programming, Blockchain.

Developer Tools: VSCode, Git, LaTeX.

ACHIEVEMENTS

- "**Blockchain Based Twitter DApp**" presented at the International Conference on Intelligent Computing and Communication Techniques (**ICICCT-2024**), Jawaharlal Nehru University, New Delhi, June 2024. [Link](#)
- Achieved a highest rating of **1632** and rated **3*** on CodeChef, one of the top platforms for programmers globally.
- Secured a global rank of **22** in CodeChef's **January Long 2022** contest among **13,000** participants.
- Solved more than **700+** problems on GeeksforGeeks, LeetCode, CodeChef, and HackerRank.

EDUCATION

Institute of Engineering and Rural Technology, Prayagraj

B.Tech. in Computer Science and Engineering

Nov 2020 - June 2024

Prayagraj, Uttar Pradesh, India

Vikas Intermediate Collage , Varanasi

Class - XII(PCM)

April 2018- March 2019

Varanasi, Uttar Pradesh, India

CODING PROFILES

- Geeksforgeeks: [Link](#)
- Leetcode: [Link](#)
- HackerRank: [Link](#)
- Codechef: [Link](#)
- Codeforces: [Link](#)