VIKAS

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Education

Bachelor of Technology in Computer Science and Engineering   2021 − Present
PDPM Indian Institute of Information Technology Design and Manufacturing, Jabalpur   *CPI: 7/10 current*

Internship

OctaNet Services Pvt. Ltd.   June 2024 − Present
Full Stack Developer   *Remote*

- Integrated **private routing for 2 web routes** using React.js, resulting in **10% faster search** results.
- Revamped **2 distinct Mongoose data schemas**, seamlessly integrating new categories into the web page and **achieving a 4% reduction in load time**.

Fusion IIITDMJ   December 2023 − April 2024
Software Developer   *Jabalpur, Madhya Pardesh*

- Orchestrated website redesign with **2 designers, 5 developers,** achieving a visually striking interface.
- Enhanced **Django integration**, optimizing response time by 4x through efficient caching of **5+ APIs**.
- In **14 usecase,** produced reports, README files, and documentation, including **SRS and ER diagrams via draw.io**

Projects

Blog App | Github | *Next.js, Tailwind-CSS, Prisma-ORM, MongoDB, Firebase*
- Optimized SEO with **Next.js and Tailwind CSS for SSR**, resulting in rapid page loads.
- Leveraged **Prisma ORM for 2 distinct data modeling** and Firebase Storage for secure **image hosting**, ensuring reliability and scalability.

Real Estate Website | Github | *React.js, Tailwind-CSS, Node.js, Express.js, MongoDB*
- Designed e-commerce platform for admins to create listings and users to make offers.
- Secured user sign-up/login via **Google Auth** and private routing.
- Used Firebase for **image uploads** (up to 6 images, 2MB each) and provided URLs.

Skills

Languages: C++, JavaScript, HTML5, CSS
Backend: Node.js, Express.js, Prisma ORM, REST API, Socket.IO
Frontend: Nextjs, Reactjs, TailwindCSS, SASS
Clouds & Databases: MySQL, PostgreSQL, MongoDB, Firebase
Developer Tools: Git, GitHub, Docker, MongoDB Compass, Postman, VS Code
Soft Skills: Leadership, Event Management, Team Management, Communication

Achievements

- Achieved **Rank 1 at GFG**, with an impressive score of 2836 in solving platform questions among 1738 participants at IIITDMJ.
- Maintained a daily challenge streak for **400 days on LeetCode platforms.**
- Contributed actively to discussion sections on **LeetCode** after solving over **700 problems.**
- Completed the **Self Interview Preparation course** on **Geeksforgeeks** after solving over 900 problems.

Leadership/Volunteering

Discipline Convenor   August 2022 − April 2023
VIVEKANANDA HOSTEL   *Web-Link*

- Managed **500 students** in hostel, maintaining discipline and order.
- Successfully managed **75th Independence Day** logistics, fostering committee collaboration.
- Led innovation with **8 block members**, directing committee activities for shared goals.