Vinayak Mishra

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OBJECTIVE

Passionate and results-driven full-stack developer with a strong foundation in modern JavaScript frameworks. Skilled in **building scalable, high-performance web applications** with a focus on **clean code**, **security**, and **user experience** and a **Quick Learner**. Seeking to contribute technical expertise and a **growth mindset** to innovative development teams.

TECHNICAL SKILLS

- **Programming Languages:** C++, JavaScript
- **Frontend:** React.js, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs
- **Databases & Caching:** MongoDB, MySQL, Redis
- **DevOps & Infrastructure :** Docker, Kafka
- **Version Control & Tools :** Git, GitHub, VS Code, Postman

EDUCATION

- **Viva Institute of Technology** — *July 2021 - May 2025*
  Bachelor of Engineering (BE) in Computer Engineering — Virar, india
- **Viva College of Science** — *May 2021*
  12th - PCMB — Virar, India
- **Royal public school** — *May 2019*
  Secondary Education (10th) — Virar, India

EXPERIENCE

- **CollegePur | Software Developer Intern** — *May 2025 - Oct 2025*
  Remote — UP, India
  - **Collaborated with both Frontend and Backend teams**, ensuring seamless integration between UI components and RESTful APIs.
  - **Engineered and maintained highly responsive, user-centric interfaces** using **React.js** and **Tailwind CSS**, enhancing overall user experience and accessibility.
  - **Optimized performance** by reducing page load time by **30%**, through code-splitting, deferred loading, and eliminating unused styles.
  - **Resolved over 10+ critical UI/UX bugs, improving user retention and engagement.**
  - **Actively participated in code reviews, agile sprints, and cross-functional team discussions.**
  - Tech Stack: Git, GitHub, React.js, Tailwind CSS, JavaScript, Node.js (minor backend support), Express.js (API integration)

PROJECTS

- **V-Estate (View):** — *June 2024 - July 2024*
  Tech Stack: MongoDB, Express.js, React.js, Node.js (MERN), GitHub, Render, docker []
  - **Developed a full-featured MERN application** for listing, renting, and buying properties, supporting both users and agents.
  - Implemented **JWT authentication** and **Google OAuth 2.0**, providing **secure access control** and reducing unauthorized login attempts by over **90%**.
  - Achieved **100% mobile responsiveness**, following **best UI/UX design principles**, and deployed it on **Render**
  - **Demonstrated strong backend understanding** by building and managing secure RESTful APIs for user and property data handling and dockerized the project.

- **Weather WebApp: (View)** — *Dec 2023*
  Technologies: HTML5, CSS3, JavaScript, Geolocation API []
  - **Created a real-time weather app using live geolocation, enabling location-specific forecasts with over 90% data accuracy.** .
  - Integrated a **dark/light theme toggle** for personalized user experience.
  - Designed a **clean, interactive interface** with accessibility in mind, improving the app's usability and appeal.
  - Structured the code into **modular components**, ensuring **scalability and easy maintenance**. .

- **Multilingual Text to Image AI Generator**
  - *Final Year Project*
  - **Dynamic Text Recognition Image Synthesis**: Designed and implemented an AI- based system capable of processing input in multiple languages and generating corresponding high-quality images with semantic accuracy and cultural relevance.
  - **User-Centric Application Development**: Engineered a user-friendly interface ensuring seamless interaction and support for diverse linguistic inputs to cater to a global audience.
  - Technologies used: Html5, Css3, Javascript, Python, SDXL 1.0.