

VINAY KUMAR MAHTO

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Location: Bangalore | [LinkedIn](#) | [GitHub](#)

PROFILE

Enthusiastic and detail-oriented **Computer Science graduate** with a strong foundation in **JavaScript, React.js, and Node.js**. Passionate about **web development**, eager to apply academic knowledge to real-world applications. Strong problem-solving abilities, adaptability, and a commitment to continuous learning. Looking for an entry-level opportunity to contribute to a dynamic development team.

TECHNICAL SKILLS

- **Languages:** JavaScript, HTML, CSS
- **Front-End:** React.js, Redux, Tailwind CSS, Bootstrap
- **Back-End & Database:** Node.js, Express.js, MongoDB, Firebase
- **Tools:** Git, GitHub, VS Code, Postman, Figma
- **Cloud & Deployment:** AWS Amplify, Vercel, Netlify

PROJECTS

Portfolio Website – [Netlify](#)

- Developed a **responsive and dynamic portfolio website** using **React.js, Tailwind CSS, and JavaScript**.
- Improved **SEO performance** and optimized load speed by **40%** through code splitting and lazy loading.
- Integrated **contact forms with validation** and hosted on **Netlify with CI/CD pipelines**.

Weather App – [Vercel](#)

- Created a **real-time weather forecasting application** using **JavaScript, React.js, and OpenWeather API**.
- Implemented **local storage caching** to reduce API call failures by **25%**, enhancing performance.
- Used **responsive UI design** with Tailwind CSS for cross-device compatibility.

Doctor Registration App – [Vercel](#)

- Built a **secure multi-step doctor onboarding system** using **React.js, Node.js, and MongoDB**.
- Implemented **form validation, JWT authentication, and encrypted data storage** for security.
- Optimized database queries, ensuring **95% data accuracy and efficient CRUD operations**.

Random Password Generator – [GitHub Pages](#)

- Developed a **custom password generator** with **JavaScript, HTML, and CSS**, offering configurable options.
- Implemented **encryption algorithms** to enhance security and prevent predictability.
- Increased user engagement by **30%** with an intuitive, mobile-friendly UI.

EDUCATION

B.Tech in Computer Science – Cambridge Institute of Technology, **CGPA: 7.3** (2021–2024)

Diploma in CSE – Jharkhand University of Technology, **73.29%** (2016–2019)

Matriculation – Crown Public School, **77.2%** (2013)

CERTIFICATIONS

- **Responsive Web Design** – [FreeCodeCamp](#)