PRATEEK VERMA

Patna, Bihar

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EDUCATION

Birla Institute of Technology, Mesra   **2022 – Present**
B.Tech - Electronics and Communication Engineering   *Ranchi, India*
CGPA - 7.3

Holy Mission Senior Secondary School   **2020 – 2022**
Senior Secondary - CBSE   *Patna, India*
Percentage - 94.4%

Loyola High School   **2010 – 2020**
Secondary - CBSE   *Patna, India*
Percentage - 91%

TECHNICAL SKILLS

- **Languages:** Java, C, JavaScript, Assembly

- **CS Fundamentals:** Data Structures and Algorithms, OOP, ML (Basics), DBMS, Computer Networks

- **Development:** HTML, CSS, JavaScript, React.js, Node.js, Redux, Next.js, Tailwind CSS, MongoDB, Email.js

- **Tools:** VS Code, IntelliJ IDEA, Git, GitHub

- **Soft Skills:** Flexibility, Communication, Logical Reasoning, Public Speaking, Teamwork

PROJECTS

Golds Gym ⬈ ⌂ | *React, Material UI, ExerciseDB Rapid API*   **May 2025**

- **Launched Golds Gym**, a responsive fitness app enabling users to explore 1300+ exercises through smart search and filters based on body part, equipment, or target muscle.
- Designed an intuitive UI with horizontal scroll filters and real-time search, **enhancing user experience and reducing exercise discovery time by 40%.**
- Optimized API integration and lazy-loaded content, **improving app performance and load speed across devices**.

Admin Dashboard ⬈ ⌂ | *React.js, Material UI, Nivo Charts, Formik*   **Feb 2025 - March 2025**

- **Designed and launched a fully responsive Admin Dashboard** featuring seamless light/dark mode, intuitive navigation, and a modern UI for efficient data management.
- Integrated dynamic data visualizations with **Nivo Charts** and real-time calendar scheduling, **improving data insights and admin productivity**.
- Built advanced form handling with **Formik and Yup** for efficient data input and validation, **reducing input errors by 35%** and streamlining user interactions.

My Portfolio ⬈ ⌂ | *React.js, Tailwind CSS, Emailjs, Vite*   **May 2025**

- **Designed and launched a personal portfolio website** showcasing projects, skills, and experience through an interactive and clean layout to engage recruiters and collaborators.
- Implemented smooth navigation, section-based scroll animations, and theme toggling to **enhance user interaction** and ensure a consistent browsing experience across devices.
- Optimized performance with responsive design principles, ensuring **fast load times, cross-browser compatibility**, and a professional presentation on both desktop and mobile.

ACHIEVEMENTS

- Solved **250+ DSA questions** across various platforms such as **LeetCode, GFG**, and **Coding Ninjas**.
- Selected among the **top 500 out of 16,000+ participants** from 8 countries in the **Ericsson Edge Academia Program**.
- Secured **5th place** in **Hatch from Scratch Hackathon 2025, BIT Mesra**, among 50+ teams.

EXTRA-CURRICULAR

- **Dristi — NGO, BIT Mesra** — Actively engaged in volunteering and charity initiatives, focusing on driving **social and technological integration in rural India**.
- **Sports Secretary, BIT Mesra** — Led and organized campus-wide sports events and activities, **fostering teamwork**, promoting physical fitness, and enhancing student engagement across diverse sports disciplines.