

SAIF JAWED

Ranchi, Jharkhand

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Education

Birla Institute of Technology, Mesra

Bachelor of Technology (Computer Science and Engineering)

August 2023 – Present

Ranchi, Jharkhand

DAV Nandraj Public School

10th - 82% — 12th - 79.5%

2019 – 2022

Ranchi, Jharkhand

Skills

Programming Languages: C, C++, JavaScript, Java.

Web Development: MongoDB, Express.js, React.js, Node.js, Next.js, TailwindCSS.

Computer Fundamentals: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management Systems, SQL.

Tools: Git, GitHub, Postman, Linux Basics.

Interpersonal: Leadership, Teamwork, Event Management.

Projects

Full-Stack SkillNest EdTech Platform | *React.js, Node.js, Express.js, MongoDB, TailwindCSS*

GitHub | Link

- Built a full-featured EdTech platform supporting course creation, consumption, purchase, and review workflows
- Implemented role-based authentication for students, instructors, and admins using **JWT tokens** to secure API access and protect routes.
- Integrated **OTP-based signup system** and a **secure "Forgot Password" feature** via reset link sent to the user's registered email.
- Enabled instructors to **upload multimedia content** (videos, Image, etc.) using **Cloudinary** and organize courses.
- Developed a **payment gateway integration** for secure course purchases with order **success/failure** states.
- Designed a **personalized students dashboard** to track progress, view enrolled courses
- Built an **instructor dashboard** displaying **total revenue** and **enrolled students** per course using **interactive graphs**.
- Integrated a **course rating and review system** to gather student feedback and improve course quality.
- Applied **responsive design** principles to ensure a seamless experience across desktop and mobile devices.

E-Commerce Website | *React.js, TailwindCSS, Vite, Redux, Javascript*

GitHub | Link

- Developed a fully responsive **e-commerce web application** using **React** for the frontend and **Redux** for state management.
- Implemented **Add to Cart**, **Remove from Cart**, and **Proceed to Checkout** functionalities with real-time cart updates.
- Utilized **Redux Toolkit** for efficient and scalable state management across product and cart components
- Applied **React Router** to navigate between pages like Home, Product Details, Cart, and Checkout.
- Handled dynamic rendering of product data and cart items using **JavaScript array methods and conditional rendering**.
- Designed a clean, responsive UI using **TailwindCSS**, ensuring seamless experience across devices (mobile, tablet, desktop).

Weather App | *HTML, TailwindCSS, Javascript, OpenWeatherMap API*

GitHub | Link

- Built a fully functional and visually appealing **weather forecasting app** using **HTML, CSS, and JavaScript**.
- Integrated **OpenWeatherMap API** to fetch and display **real-time weather data** including **temperature, humidity, wind speed, and cloud coverage**.
- Utilized the **Geolocation API** to detect and display weather for the user's current location automatically
- Added a **search feature** to allow users to view weather conditions for any city or country worldwide.
- Used **Fetch API with async/await** for smooth, asynchronous data retrieval and updates
- Implemented **error handling** for invalid locations, API failures, and user input validation

Achievements

- Solved **200+ DSA Problems** on **LeetCode**, **Codeforces**, and **GeeksforGeeks**, strengthening data structures and algorithm skills.
- Completed **NPTEL course**: *"Education for Sustainable Development"* by **IIT Kharagpur** with a **Perfect Score of 75/75 (100%)** — ranked among the **top performers out of 7,423 candidates**.