

RAGHAV BIDSAR

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Education

Birla Institute of Technology, Mesra

2021 - 2025

- Bachelor of Technology in Electronics and Communication Engineering

L.B.S Public School, India

2020 - 2021

- Class XII, Aggregate: 76.4

Gyan ashram School, India

2018 - 2019

- Class X, Aggregate: 62.0

Skills

Programming Languages: C, C++, Python, JavaScript, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Express.js, Numpy, Panda, Redux Toolkit, Material UI, Tailwind CSS, Bootstrap 5, MDB Design, REST APIs

Databases & Tools: MongoDB, Firebase, Postman, Vercel,

Tools & Platforms: Git, GitHub, VS Code, PowerBI, Excel

Soft Skills: Leadership, Event Management, Team Collaboration

Work Experience

Neerja Softwares | Python Development Intern | [Certificate](#)

May'24 – Aug'24

- Spearheaded website load testing using **NumPy**, boosting speed by 40% and improving user experience by 25%.
- **Processed 1M+ datasets** using Pandas, transforming raw data into structured CSV files for **100% accurate analysis**, improving team productivity by **30%**.
- **Boosted website performance** by debugging **5+ critical issues**, reducing load times by **40%** and enhancing user engagement by **25%**.

Jouls Ecotech | Frontend Development Intern | [Certificate](#)

Feb'23 – Apr'23

- Developed a responsive website for the organization using **React.js** and integrated **Stripe payments**, improving user experience by 30% and Firebase API for seamless data flow and implemented data validation checks with **99%** accuracy.
- **Designed and styled 20+ modular UI components** with Material UI and React Styled Components, improving design consistency by **35%**.

Projects

Kanban Board | MERN Stack | [Live](#)

Sep'24

- **Built a Kanban board application** with drag-and-drop functionality, optimizing task movement efficiency by **50%**.
- Enhanced task discovery with **advanced filtering and sorting** by priority, due dates, and tags, improving task retrieval speed by **40%**.
- Boosted productivity by **25%** by integrating real-time **task reminders and due notifications**, ensuring timely task completion.

Doctor Appointment | MERN Stack | [Live](#)

Jun'24

- Created a doctor appointment booking platform with secure **JWT-based authentication** and **bcrypt password encryption**, increasing security by **40%**.
- Built a seamless user experience with **MongoDB** as the primary backend for CRUD operations, enabling a **20%** increase in booking efficiency.
- **Implemented role-based access control (RBAC)** for doctors and patients, improving dashboard security by **40%**.

Technical Coding Full-Stack Web Application | [Live](#)

Mar'24

- Engineered an educational platform supporting 100+ students with API-based real-time content delivery, improving engagement by **40%**.
- Improved website performance by **20%** using **lazy loading** and **flexbox layout** for optimal UI rendering.
- **Managed 100+ asynchronous API requests** using Redux, enhancing data management efficiency by **30%**.

Academic and Extracurricular Achievements

- **1st Place in College Coding Competition:** Solved **20+** coding problems in 3 hours, surpassing **120** competing teams.
- **2nd Place at IIT Kanpur's Pitch Premiere:** Presented a product idea that ranked in the top **2%** among **100+** innovative ideas.
- **Leadership Role at Plasma Gyan Exhibition:** Coordinated **45+** schools and managed a crowd of over **1,200** students.
- **GDSC Lead:** Directed **5+ full-stack projects** and mentored **20+ junior developers**, increasing team output by **40%**.