



Ranjan Kumar

Undergraduate

Electronics and Communication Engineering

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EDUCATION

• Indian Institute of Information Technology, Allahabad

Dec 2021 - Jul 2025

B.Tech in Electronics and Communication Engineering

CGPA(Till 5th sem): 7.52

EXPERIENCE

• Oasis Infobyte

May 2024 - Jul 2024

Web Developer intern

Remote

- Collaborated with a cross-functional team to develop and managing data for a Transportation service.
- Contributed to the design and implementation of the Carrier UI section and various zone UI enhancements on the Gscope website, improving user experience and functionality.
- Conducted code reviews and collaborated with senior engineers to ensure code quality, maintain best practices, and drive continuous improvement in software development processes.

PERSONAL PROJECTS

• Talk-A-Tiv [↗](#)

Tools & technologies used: React.js, Chakra-UI, Socket.io, Node.js and MongoDB

- Facilitated secure, real-time communication for users using optimized WebSocket connections, resulting in a decrement in latency.
- Implemented the functionalities of **CRUD** operations for the users.
- Implemented secure login/signup processes with **JWT token**.

• AllMart - Live Link [↗](#)

Tools & technologies used: ReactJS, NodeJS, ExpressJS, MongoDB, Redux Toolkit

- Innovated and deployed a full featured E-Commerce Platform with integrated payment gateway.
- Created **CRUD** functionalities for product listings, users, and reviews, enhancing user interaction and admin control.
- Implemented secure user Sign-In and Sign-Up using **JWT token** identification and state management using **Redux**.
- Designed and integrated robust RESTful APIs to handle product management, users, and order processing.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Javascript, HTML, CSS

Developer Tools: Visual Studio Code, Github

Frameworks: ReactJS, NodeJS, ExpressJS

Cloud/Databases: MongoDB, MySQL

Other Skills: Communication, Git, Figma, UI/UX

Coursework: Data Structures and Algorithms, Operating Systems, Object Oriented Programming, DBMS

ACHIEVEMENTS

- Semi - Finalist in Spark Plug 2024 organised by **Walmart Global Tech**, a hackathon consisting of clearing advanced and fundamental DSA rounds as well as aptitude and coding rounds.
- Leetcode [↗](#) **Knight** with Highest rating: **1986**
- Secured **149/30000+**, **1600/25000+**, **2400/27000+** global ranks in **Weekly Contests** 400, 402 and 401 respectively.
- Codeforces [↗](#) **Expert** with Highest rating: **1696**
- Secured **191/30000+**, **802/30000+**, **960/30000+** global ranks in **Div 3 Round** 950, **Div 3 Round** 938 and **Div 3 Round** 927 respectively.

POSITIONS OF RESPONSIBILITY

• Finance Head: Effervesence - Cultural Fest

Mar 2023 - Apr 2024

- Organised the Fresher's Party of over 200 performers and 1000 participants, ensuring 20% increase in participation and enhanced event sponsorship by 10% .
- Orchestrated major fest events, resulting in a 30% boost in overall festival revenue.

• Prayaas Volunteer A Student-Fraternity Initiative

Mar 2022 - Apr 2024

- Prayaas is a Volunteer movement initiated by student fraternity of IIT-Allahabad for underprivileged kids.
- Taught 50+ students of primary class and Secondary class about basic maths and science.