

VISHAL RAJ

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EDUCATION

- National Institute of Technology, Andhra Pradesh** 2022 - 2026
B.Tech, Electronics and Communication Engineering CGPA: 8.66
- A.N. College, Patna, Bihar** 2020 - 2022
12th, Bihar School Examination Board Percentage: 85.6

EXPERIENCE

- Winter Intern - IIT Bhubaneswar** Dec 2024 - Jan 2025
NLP Project on Travel Recommendations using LLMs *Bhubaneswar, India*
- Collaborated with Microsoft on an NLP project**, Focused on developing a travel recommendation system using Large Language Models (LLMs), improving recommendation accuracy by 20%.
 - Conducted data preprocessing and model training**, Incorporated datasets of over 10,000 travel-related queries, improving system response time by 15%.

PROJECTS

Portfolio

[Visit](#)

- Designed a fully responsive portfolio showcasing 10+ projects and technical expertise. Nov 2024 – Jan 2025
- Built with React.js, HTML, CSS, JavaScript, ensuring seamless UX/UI design.

Healthcare Chatbot

Jan 2024 – April 2024

- Developed an AI-driven chatbot for healthcare queries with 90%+ accuracy and fast response times.
- Integrated TensorFlow, Keras, and NLP techniques for real-time, intelligent conversations.

Amazon Clone

Dec 2023 - Jan 2024

- Engineered a fully functional e-commerce platform resembling Amazon with 50+ product listings.
- Built with React.js (frontend) and integrated Firebase for a secure backend and real-time database management.

SKILLS

- Languages:** C++, Java, Python, SQL.
- Developer Tools:** HTML, CSS, JavaScript, Git, GitHub, Eclipse.
- Frameworks and Libraries:** React.js, Node.js, Express.js.
- Course Work:** DBMS ([NPTEL Course](#)), OOPS, Data Structure and Algorithm.
- Soft Skills:** Creativity, Problem-Solving, Communication, Teamwork, Time Management.
- Areas of Interest:** Software Development, Embedded Systems.

ACHIEVEMENTS / CERTIFICATIONS

Participation in [Smart India Hackathon](#)

- Designed a practical application to address real-world challenges for a national-level competition.

Competitive Programmer - [Leetcode](#) and [CodeStudio](#)

- Solved 200+ Data Structures and Algorithms (DSA) problems efficiently using C++ programming.