VISHAL RAJ

+919142528179 ⋄ India

vishalraj857808@gmail.com ⋄ [LinkedIn](#) ⋄ [GitHub](#)

SKILLS

- **Languages:** C++, Java, Python, SQL.
- **Machine Learning & AI:** Proficient in ML algorithms (supervised, unsupervised, deep learning) and frameworks like TensorFlow, Keras, PyTorch, and scikit-learn.
- **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.

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%.

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.

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

PROJECTS

Portfolio — [Visit](#)

- Designed a responsive portfolio showcasing 10+ projects and technical skills effectively.
- Built with React.js, HTML, CSS, JavaScript, and deployed on Vercel for 99.9% uptime reliability.

Healthcare Chatbot

- Implemented an AI-powered chatbot for healthcare queries with 90%+ accuracy and fast response time.
- Used TensorFlow, Keras, and advanced NLP techniques for conversational AI.

Amazon Clone

- Developed an Amazon-like e-commerce platform with 50+ product listings using React.js framework.
- Integrated Firebase for real-time database functionality and secure user authentication.