Om Raj

Roll No.: 2104056
Bachelor of Technology
Electronics and Communication Engineering
National Institute Of Technology, Patna

📞 +91-8789195638
✉ omr.ug21.ec@nitp.ac.in
✉ omraj010@gmail.com
⭘ omraj0
in Om Raj

EDUCATION

- **National Institute of Technology, Patna** — *June, 2025*
  Bachelor of Technology in Electronics and Communication Engineering — CGPA - 7.82
- **DAV Public School Cantonment Area, Gaya** — *July, 2020*
  Intermediate(12th) - Central Board of Secondary Education — Percentage - 94.0
- **DAV Public School Cantonment Area, Gaya** — *July, 2018*
  Matriculation(10th) - Central Board of Secondary Education — Percentage - 95.4

EXPERIENCE

- **YHills** | Certificate Link ↗ — *June, 2023 - July, 2023*
  Web Development Intern — Noida, India
  – Designed landing page and mini-projects by using HTML, CSS, JavaScript, Tailwind and React.js.
  – Enhanced skills in creating responsive, smooth and user-friendly web pages and submission forms.

PERSONAL PROJECTS

- **DeepFake Detector** ↗ — *March, 2024*
  Tools and Technology: TensorFlow, Keras, CNN Model, Deep Learning, Google Colab
  – Developed a system which distinguishes between real and altered images using advanced machine learning techniques.
  – Used cutting-edge technology to improve detection accuracy, achieving a 98.25% success rate in identifying manipulated digital media.
- **Sorting Visualizer** ↗ — *December, 2023*
  Tools and Technology: HTML, CSS, Javascript, Tailwind CSS, Data Structures and Algorithm
  – Created a Sorting Visualizer that demonstrates the functionality of various algorithms, like Bubble Sort, Selection Sort, Insertion Sort, Quick Sort, and Merge Sort.
  – The visualizer features interactive buttons to generate new arrays, controls speed, and adjust array size, contributing to a 20% improvement in the educational experience of users in understanding different sorting algorithm.
- **Weather App** ↗ — *November, 2023*
  Tools and Technology: ReactJS, API, JavaScript, CSS
  – Created a weather web application using React.js and API integration, offering real-time weather updates including temperature, humidity and wind speed.
  – The application provides users with responsive design and comprehensive weather forecasts, enhancing their ability to plan activities.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, JavaScript, Python
Developer Tools: VS Code, Intellij IDEA
Soft Skills: Time-conscious, Contributive, Analytical Decision-Making, Resilience
Coursework: Data Structures & Algorithm, Object Oriented Programming, Database Management System
Areas of Interest: Web Development, Problem Solving

POSITIONS OF RESPONSIBILITY

- **Member -** IEEE SB NITP — *2022 - 2023*

PROFILES

- **CodeChef** - 4 Star with Max Rating: 1818.
- **Codeforces** - Pupil with Max Rating: 1311.
- **Leetcode** - Knight with Max Rating: 1756.
- **GeeksforGeeks** - Solved over 500+ DSA problems.
- **Personal Portfolio** - Website to showcase my projects, skills, and experiences.

ACHIEVEMENTS

- Globally ranked 108 out of 26,446 participants in the CodeChef Starter 115 Division 3 contest. Link
- Secure a global rank of 1,391 out of 22,688 participants in LeetCode Weekly 383 contest. Link
- Achieved a global rank of 2,725 among 30,822 participants in Codeforces Round 926 (Div. 2) contest. Link
- Secured a rank of 229 out of 32,539 participants in the Newton School Coderush December 2023. Link
- Achieved a score of 95% in the NPTEL course "The Joy of Computing with Python" placing in top 1%. Link
- Got 256 AIR among 5834 participants in GFG Weekly Coding Contest - 136 held on 7th January 2024. Link