Md Irfan Raj

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Education

Indian Institute of Information Technology — Expected May 2027
Bachelor of Technology in Computer Science (CGPA: 7.53 / 10.00) — *Bhagalpur, Bihar*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat in CS (Python), Computer Architecture, Linear Algebra w/Computational Applications (C++)

Experience

Edunet Foundation & EY-GDS — Dec 2024 – Feb 2025
Full Stack—MongoDB, React, Express, and Node.js,API — *Remote, Bihar*
- Developed a **web application** with **advanced search filters**, improving search efficiency by **30%**.

TechSaksham in collaboration with Microsoft & SAP — Dec 2024 – Feb 2025
Data Analysis—Python,Tableau — *Remote, Bihar*
- Conducted **trend analysis** on shopping behavior, leading to **10% more accurate future product predictions**.

BluePlanet Info Solution Pvt.Ltd — Dec 2024 – Current
Software Testing — *Remote, Bihar*
- Performed **manual, automated, and regression testing**, increasing bug detection rate by **40%**.
- Created **test plans & test cases**, optimizing testing efficiency by **25%**.

1M1B — Dec 2024 – March 2025
Green Intern — *Remote, Bihar*
- **Conducted campus audits** on **waste, water, and energy usage**, identifying inefficiencies that led to a **20% reduction in resource wastage**. Developed a **sustainability dashboard** in **Tableau**, improving data visualization and reporting efficiency by **30%**.
- Led data collection efforts that contributed to a **15% improvement in sustainability metrics tracking**.

Projects

Unnati Welfare Society | *React.js, , Express.js,Node.js,MongoDb*
- Designed and developed a **MERN-stack website** for an NGO, improving engagement by **50%**.

ZAAR-AI-powered Image & Video Generator | *React.js,Node.js, Express.js, Gemini API,OpenAI API, Tailwind, Bootstrap*
- Created an **AI-driven platform** for **text-to-image & text-to-video generation**, enhancing user engagement by **40%**.

Technical Skills

Languages: C,C++,Python ,JavaScript, Motoko
Technologies: React.js, Express.js,Firebase, jQuery, Bootstrap, Node.js, MongoDb, NFT,Google Cloud Platform,Jira,Selenium,Postman
Concepts: Design and analysis of algorithm,Probability and Statistics, Operating System,Computer architecture, Virtual Memory, Cache Memory, Encryption, Decryption, API, Database, Cloud Computing

Achievements

- Rank 13th in SIH internal Hackathon 2024
- Won multiple positions in athletics across years

Social Engagements

Team Lead: Unnati Welfare Society-NGO run by students of IIIT Bhagalpur to educate underprivileged childrens.
Club Member : at DevC in IIIT bhagalpur
Sports-Engagements: Chess , E-Sports ,Football,Fresbee Ultimate,Football.