Md Irfan Raj

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PROFESSIONAL SUMMARY

Passionate software developer and tech innovator dedicated to building real-world solutions - from AI-powered tools to emergency healthcare platforms and social impact websites - that empower communities and bridge the digital divide.

EDUCATION

- **Indian Institute of Information Technology** — Bhagalpur, Bihar, India
  Bachelor of Technology - Computer Science Engineering; GPA: 7.60 — *August 2023 - July 2027*

  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Microprocessors, Networking, Databases, Object Oriented Programming , Computer Architecture,Internet of Things, Machine Learning, Compiler Design*

SKILLS SUMMARY

- **Languages**: C++, Python, JavaScript, SQL, HTML, CSS
- **Frameworks**: Express.js, React.js, Tailwind CSS, Selenium, Node.js
- **Tools & DB**: GIT, PostgreSQL, MySQL, MongoDB, Postman, Jira, Chrome DevTools, Tableau
- **Platforms**: Linux, Web, Windows, AWS, GCP,
- **Soft Skills**: Leadership, Time Management, Communication, Team Collaboration, Problem Solving

WORK EXPERIENCE

- **Blue Planet Infosolutions Pvt. Ltd** — Remote
  Software Tester Intern (Part-Time) — *Nov 2024 - May 2025*
  - **Tested 6+ Mobile Apps & 3+ Web Platforms**: including *Smart Teacher, Smart Students, CJN,* and *Smart Pill Box*, ensuring performance, usability, and functionality. .
  - **Led Full QA Cycles** : using tools like Selenium, Postman, Jira, and Chrome DevTools, covering both manual and API testing under tight deadlines.
  - **Collaborated Across Time Zones** : with teams from India and the USA, contributing to real-time issue resolution, agile workflows, and international QA coordination.

- **1 Million For 1 Billion** — Remote
  Green Intern (SDG & Data Visualization Focus) — *Dec 2024 - Feb 2025*
  - **Collected and structured sustainability data** : across multiple sectors, enabling insights for SDG-aligned decision-making using Excel and CSV pipelines.
  - **Designed interactive data dashboards in Tableau** : to visualize environmental trends, increasing stakeholder engagement and understanding by **40%**.
  - **Impact**: **Collaborated with professionals from Salesforce, Tata Group, Wipro, and government bodies**, applying real-world sustainability frameworks to drive data-backed climate initiatives.

KEY PROJECTS

- **AI README Generator - (React.js, OpenAI API,OpenRouter API, Node.js,Express.js, Tailwind CSS)**: A web tool that auto-generates professional README files using AI based on user inputs. Ideal for developers who want quick, structured documentation. (June '25)

- **Text-to-Image Generator (OpenAI API / Stable Diffusion ,React.js,Node.js,Express.js,Cloudinary,MongoDB)**: An AI-driven app that transforms user-provided text into AI-generated images using diffusion models. Suitable for design, art, and creative exploration. (Feb '25)

- **Swasthya Sampark (React.js, Node.js, Express.js, MongoDB, Google Maps API, OpenAI API, Tailwind CSS, Python (for AI analysis))**: A real-time emergency referral system that connects users to nearby specialist doctors and hospitals using GPS and optimized Google Maps routing. The platform also features an **AI-powered medical report analyzer**, **prescription and medicine tracking with smart notifications**, and an integrated **doctor-assistant chatbot** to streamline patient care and emergency decision-making. (In progress)

- **Unnati Welfare Society – Landing Page (React.js, Tailwind CSS, HTML, JavaScript)**: A responsive landing page built for an NGO promoting digital literacy among underprivileged students. Features modern UI and mobile-friendly design. (Nov '24)

HONORS AND AWARDS

- Rank 11th – PYC Code Clash, IIIT Bhagalpur
- Top 30 Certified Green Intern - 1M1B
- Completed Short-Term Course on ML in Healthcare & Agriculture – IIIT Bhagalpur - Summer 2024

VOLUNTEER EXPERIENCE

- **Unnati Welfare Society** — -Bihar, India
  Served as Tech Lead for 1.5 years, leading tech projects for NGO — *Jan 2024 - May 2025*

- **School Club President** — -Hazaribag , India
  Volunteered in school Gardening Club for green initiatives. — *Jan 2014 - March 2020*