

# 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: 7.68* 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, Bash, Dart, HTML, CSS
- **Frameworks:** Express.js, React.js, Tailwind CSS, Selenium, Django, FastAPI, Flask, Node.js
- **Tools & DB:** Docker, GIT, PostgreSQL, MySQL, MongoDB, Firebase, 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