



Md Irfan Raj

Bachelor of Technology

Computer Science Engineering

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PROFESSIONAL SUMMARY

Third-year B.Tech Computer Science student at IIIT Bhagalpur with hands-on experience in full-stack development (MERN), software testing using Selenium, and real-world social impact projects. Recognized for strong problem-solving, collaborative skills, and delivering AI-integrated solutions. Seeking opportunities in software development or SDET roles to contribute to impactful, scalable systems.






EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	Indian Institute Of Information Technology, Bhagalpur	7.66	2nd/2025
Senior Secondary	St.Xavier's School / CBSE	93.4%	2022
Secondary	St.Xavier's School / CBSE	89.9%	2020

EXPERIENCE

- BluePlanet Infosolutions Pvt. Ltd** [🌐][🌐][🌐] Nov 2024 – May 2025
Software Testing Intern Remote, India
 - Performed **manual and automated testing** using **Selenium, JIRA, Postman**, and **DevTools** on web/mobile apps like **smartcookie.in**, **CJN App**, and **Smart Teacher App**, boosting test coverage by 30%.
 - Created and executed **test cases**, logged and tracked **bugs/defects**, and led **API testing** and **regression testing** across platforms, cutting QA time by 40%.
 - Collaborated with cross-functional teams across **India and USA**, ensuring **Agile sprint planning**, on-time **release cycles**, and smooth **QA workflows**.
- 1M1B (One Million for One Billion)** [🌐] Dec 2024 – Feb 2025
Green Intern / Social Impact + Technology Remote
 - Built **Tableau dashboards** and conducted a **campus audit** (waste, energy, water) using real-world **climate data**, driving data-backed **environmental awareness** in underserved communities.
 - Selected as a **Top 30 Changemaker Intern** for leading a tech-enabled sustainability initiative; collaborated with mentors from **Salesforce, 1M1B**, and **government stakeholders**.
 - Led **community research**, stakeholder interviews, and presented actionable insights on **climate action** and **sustainable practices**, earning recognition for **innovation, impact**, and **clarity**.
- Edunet Foundation & EY GDS** [🌐] Dec 2024 – Feb 2025
Full Stack Intern (MERN) Remote
 - Engineered a responsive **news web application** using the **MERN stack** (*MongoDB, Express.js, React.js, Node.js*), featuring **JWT authentication**, **RESTful APIs**, and full **CRUD operations**.
 - Integrated advanced frontend features: **country/language filters**, **search functionality**, **pagination**, and **light/dark theme toggle**, improving accessibility and UX.
 - Utilized modern tools and libraries including **React Hooks**, **React Router DOM**, **Axios**, **Redux Toolkit**, **Context API**, and **Formik + Yup** for form handling and state management.
 - Styled UI with **Tailwind CSS**, **Bootstrap**, and **CSS Modules**; ensured responsive design using **Flexbox**, **Grid**, and **media queries**.
 - Deployed frontend and backend on **Render**, and managed data with **MongoDB Atlas** and **Mongoose ORM**.
 - Collaborated in agile sprints using **Git**, **GitHub**, **GitHub Projects**, and presented final product to **EY GDS engineers**, being selected as **Top 6 out of 10,000+ interns**.

PROJECTS

- **Zaar AI – Text-to-Image Generator** Jan 2024 – Feb 2024
Tools: React.js, Tailwind CSS, REST API, HTML, CSS, JavaScript 
 - Developed a **responsive AI-powered web app** that generates images from natural language prompts using a **third-party image generation API**.
 - Implemented **API integration** with proper **error handling**, **loading states**, and dynamic rendering for enhanced **user experience**.
 - Designed an accessible, mobile-friendly **UI** using **Tailwind CSS**, **React functional components**, and **state management via Hooks**.
- **Unnati Welfare Society – NGO Landing Page**  Mar 2024
Tools: React.js, Tailwind CSS, Google Maps API, HTML, CSS, JavaScript 
 - Built a **modern, responsive landing page** to boost NGO outreach, visibility, and user engagement across devices and browsers.
 - Integrated **Google Maps API** to display the physical location, enhancing accessibility for **donors and volunteers**.
 - Implemented **form-based components** (Join Us, Newsletter) using **Google Forms** for efficient **data collection and lead generation**.
 - Oversaw **cross-browser testing**, **mobile responsiveness**, and **component-based development** using **React.js** and **Tailwind CSS**, ensuring a consistent and scalable user interface.
 - Acted as the **Technical Lead**, managing development flow, troubleshooting issues, and coordinating with design and content teams for timely delivery.
- **ChitChat News – Filtered News Aggregator**  May 2024 – June 2024
Tools: React.js, REST API (News API), JavaScript, HTML, CSS 
 - Built a **real-time news application** using **React.js** and **News API**, with features like **category toggling**, **keyword-based filtering**, and **reusable components** for performance and scalability.
 - Implemented **asynchronous API calls**, along with **loaders** and **error states**, enhancing user experience and UI responsiveness.
 - Project selected as part of **Top 6 from 10,000+ interns** after multiple competitive rounds, including live presentation to **EY GDS engineers**.

SKILLS

- **Programming Languages:** C/C++, Python, JavaScript, Motoko (Web3.0 basics)
- **Web Technologies:** HTML, CSS, JavaScript, **React.js**, **Tailwind CSS**, Node.js, Express.js, Redux, MongoDB, RESTful APIs (News API, Image Generation API), Google Maps API integration, Media Embedding
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, Chrome DevTools, Canva, Figma, Jupyter Notebook, Spyder, **Selenium**, Jira, Bitbucket, **Lovable.ai**, Eraser.io, Cursor, **Tableau**

CERTIFICATES/CERTIFICATIONS

- **Udemy- Web Development Bootcamp** by Angela Wu Nov 2024
- **Coursera- S3 basics** June 2025

ACHIEVEMENTS

- **Recognized among the Top 30 Changemaker Interns at 1M1B (One Million for One Billion)**, selected for exceptional impact and innovation in technology-driven social initiatives.
- **Awarded Certificate of Appreciation by EY GDS & Edunet Foundation** for outstanding project presentation during internship.
- **Competitive Programmer:** *Pupil* at Codeforces, *2★* at CodeChef, *3★* at GeeksforGeeks

POSITIONS OF RESPONSIBILITY

- **Technical team lead**, Unnati Welfare Society May 2024- May-2025
- **Testing Team Lead**, Blueplanet Infosolutions Pvt. Ltd March 2025- May-2025