

MD IRFAN RAJ

+91 7461908494 ✉ irfan.230101060@iiitbh.ac.in

www.linkedin.com/in/md-irfan-raj github.com/MD-IRFAN-RAJ

Technical Skills

Languages: Javascript , Python, C, C++,HTML, CSS.

Frameworks, libraries: NodeJS, ExpressJS, React.

Databases: MySQL, MongoDB, PostgreSQL

DevOps: Google Cloud Platform (GCP){Basics}

Developer Tools: Git, GitHub, Jira, Tableau, Figma, Postman, VS Code , Canva, Browser DevTools .

Experience

Blue Planet InfoSolutions Pvt.Ltd

December 2024 - Present

Software Testing Intern

Remote, India

- Conducted comprehensive manual and automated testing across multiple production-based websites and mobile apps, including Smartcookie, Friend of CJN, Campus Radio, Startup World, and Campus TV. Ensured functionality, usability, and performance compliance.
- Identified and reported critical bugs and issues using JIRA, collaborating with development teams to streamline resolution processes and improve product quality.

TechSaksham & Edunet Foundation

December 2024- Feb 2025

[CSR INITIATIVE OF MICROSOFT AND SAP]

Data Analysis Intern

Remote, India

- **Project: Shopping Trend Analysis** – Conducted comprehensive data analysis of shopping trends using Python and Jupyter Notebooks. Utilized data cleaning, exploratory data analysis (EDA), and statistical techniques to uncover key consumer behavior patterns.
- **Visualization and Insights** – Created interactive and visually compelling dashboards using libraries such as Matplotlib, NumPy and Pandas to present actionable insights for better decision-making and trend forecasting.

Edunet Foundation & EY GDS Next Gen

December 2024 – Feb 2025

Full Stack Intern { MongoDB, Express.js , React.js , Node.js }

Remote, India

- **Full-Stack News Application Development** – Designed and developed a robust, scalable news application using the MERN stack (MongoDB, Express.js, React, Node.js) to deliver real-time news updates and user-friendly interfaces.
- **Backend and API Integration** – Built RESTful APIs for dynamic content delivery, ensuring seamless communication between the frontend and backend. Implemented efficient database queries with MongoDB for storing and retrieving news articles.
- **Responsive Design and Deployment** – Developed a responsive UI using React and styled-components to ensure optimal performance on various devices. Deployed the application on cloud platforms like AWS/Heroku for accessibility and scalability.

Unnati Welfare Society

January 2024- Present

Technical Lead

Bhagalpur, Bihar, India

- **Technical Leadership** – Spearheaded the development and execution of technology-driven initiatives to bridge the digital divide for underprivileged students, empowering them with essential technical skills.
- **Team Management** – Led a cross-functional team of developers and volunteers, ensuring timely and successful project deliveries aligned with the organization's mission.
- **Innovative Projects** – Conceptualized and implemented educational platforms and tools using modern web technologies to facilitate interactive learning experiences.
- **Training and Mentorship** – Designed and conducted training sessions for students and team members, fostering technical expertise in areas like coding, web development, and digital literacy.
- **Community Engagement** – Collaborated with stakeholders and partner organizations to organize workshops and campaigns, enhancing technology adoption in underserved communities.
- **Project Oversight** – Supervised end-to-end development of impactful projects such as educational websites and apps, ensuring scalability, usability, and accessibility.
- **Strategic Planning and Execution** – Devised and implemented technical strategies to align with the organization's goals, ensuring optimal resource utilization and maximizing the impact of digital education initiatives.

Open source contributions

Mentor / Unnati Welfare Society	January 2024 – Present
<ul style="list-style-type: none">Mentored and guided a team of 50 members at Unnati Welfare Society, overseeing the development of dynamic websites and mobile applications aimed at improving digital education accessibility for underprivileged students.	
Participant / OpCode GirlScript Summer of Code Hacktober Fest	2024
<ul style="list-style-type: none">Actively participated in coding events such as OpCode, GirlScript Summer of Code, and Hacktoberfest, contributing to open-source projects and enhancing collaborative development skills.	

Projects

Unnati Welfare society - website / MongoDB, Node.js ,Figma, React, Express.js , Bootstrap, Tailwind, Postman
<ul style="list-style-type: none">Led a team of 10 to develop a robust MERN stack-based website for showcasing the work of the society, making a positive impact on the lives of many underprivileged students by increasing visibility and outreach.Utilized the MongoDB, Express.js, React, and Node.js (MERN) stack, along with APIs, Postman, Figma, and various React features to develop a robust platform, integrating interactive features to enhance user experience and provide seamless functionality.
News Application / MongoDB, Node.js ,Figma, React, Express.js , Bootstrap, Tailwind, Postman
<ul style="list-style-type: none">Developed a news application using the MERN stack (MongoDB, Express.js, React.js, Node.js) integrated with a News API to fetch real-time news articles.Implemented user authentication and authorization features with login and signup functionality, enabling secure user access to personalized news feeds.Utilized React.js for the front-end to create dynamic and responsive user interfaces.Designed and managed RESTful APIs with Express.js to handle user requests and interact with the database.Stored user data securely in MongoDB and ensured data integrity through validation and schema design.Optimized the app for performance and scalability, ensuring smooth navigation and data retrieval.

Education

Indian Institute of Information technology	August 2023 - Present
<i>Bachelor of Technology in Computer Science Engineering { 4th Semester}</i>	<i>Bhagalpur, Bihar, India</i>
<ul style="list-style-type: none">Relevant Coursework: Computer Architecture, Data Structures and Algorithms, Design and Analysis of Algorithms, Engineering Mathematics, Discrete Mathematics etc.	
St. Xavier’s School	July 2020 – June 2022
<i>Intermediate, Percentage: 93.4%</i>	<i>Hazaribagh , Jharkhand, India</i>
<ul style="list-style-type: none">Relevant Coursework: Physics , Chemistry , Mathematics , Computer Science in Python programming	
St. Xavier’s School	July 2009 – June 2020
<i>Matriculation, Percentage: 89.7%</i>	<i>Hazaribagh , Jharkhand, India</i>
<ul style="list-style-type: none">Relevant Coursework: Physics , Chemistry , Mathematics , Information Technology, English, Social Sciences.	

Achievements

<ul style="list-style-type: none">Ranked 11th in PYC Code Clash by IIIT Bhagalpur.Completed Machine Learning in Healthcare and Agriculture CourseSummer Analyst'24 Program at IIT GuwahatiSuccessfully cleared AlgoUniversity Technology Fellowship Stage 1 standing out among 20000+ applicant.	
---	--

Position of responsibility

<ul style="list-style-type: none">Technical Lead , Unnati Welfare Society.Gardening Club Head , St. Xavier’s School.House Representative , St.Xavier’s School.	
--	--