

TUSHAR PATEL

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Education

Indian Institute of Information Technology, Bhagalpur

Bachelor of Technology in Computer Science and Engineering

Aug 2023 – Jun 2027

CGPA: 7.82/10

Experience

Li-mat Soft Solutions | Certificate

Software Development Engineer Intern

Remote

- Engineered role-based interfaces for a health & wellness platform (gym clients, trainer admin panel, user plans) using React.js & TypeScript to optimize core user workflows.
- Authored reusable React components, e-commerce modules (course sales), and Figma prototypes with Tailwind CSS to accelerate development cycles and ensure design consistency.
- Integrated REST APIs and GraphQL with Axios and React Query for the admin panel and user data, streamlining the design-to-development turnaround.

TIP2TRIP | Certificate

Jul 2025 – Sep 2025

Remote

Front-end Developer & UI/UX Designer

- Led UI/UX from research (Google Analytics, Hotjar) to design (10+ Figma prototypes), improving user workflow and reducing drop-off by 25%.
- Translated Figma designs into responsive and accessible frontend components.
- Partnered with Product Managers to ensure a consistent and accessible user experience from concept to launch.

Projects

OPCODE Open-Source Fest Website | Lead Developer (React, TS) & UI/UX Designer | Live Demo

- Led the design and development of the **institute's official open-source fest platform**, prototyping the complete high-fidelity UI in Figma with a modern, responsive "dark mode" and fluid animations.
- Built the scalable frontend and coordinated with the backend team to integrate REST APIs for the real-time active leaderboard and project submission portals.
- Implemented and monitored Google Analytics to track user engagement, driving platform adoption to 200+ Daily Active Users (DAU) and capturing 15,000+ key user events during the month-long fest.

Hospital Management System | MERN Stack App | Live Demo

- Developed a full-stack appointment system with **RBAC (Admin, Doctor, Patient)**, featuring secure login, profile management, and a real-time doctor dashboard for revenue tracking with 100% responsive user interface using **Tailwind CSS**.
- Designed a centralized **Administrative Suite** to manage medical staff onboarding, track hospital-wide revenue metrics, and maintain data integrity across all patient-doctor interactions.
- Integrated **Razorpay Payment Gateway** for seamless checkout and implemented dynamic slot-booking logic allowing patients to filter by specialization and view medical profiles.

Technical Skills

Languages: JavaScript, TypeScript, SQL, C, C++

Frameworks & Tools: React.js, Node.js, Express.js, Tailwind CSS, Firebase, Git, GitHub, Redux Toolkit, Postman, VS Code

Databases & Cloud: PostgreSQL, MongoDB, MySQL, Vercel, Netlify

Design: Figma, Adobe Suite

Soft Skills: Teamwork, Communication, Mentoring, Client Management

Certification

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate | Certificate

Issued by: Oracle Corporation

November 04, 2025

Leadership & Activities

- UI/UX Lead – Development Club, IIIT Bhagalpur:** Directed design & development for 10+ projects (Figma to React), mentored 30+ members, and managed a 30-day Open Source Fest (200+ DAU, 15k+ analytics events).
- Social Media Lead – IIIT Bhagalpur:** Led analytics-based digital marketing and content strategies for 5+ flagship events, engaging 1,000+ students and boosting institutional visibility by 60% through SEO and cross-platform campaigns.

Achievements & Recognition

- Smart India Hackathon (SIH):** Secured **3rd Position** among **60 teams** in internal college rounds for developing an innovative problem-solving prototype.
- Hacktoberfest 2025 Supercontributor:** Earned badge by merging 8+ Pull Requests (PRs) across 7 global open-source projects; improved projects by raising 8+ issues, analyzing unfamiliar codebases, and collaborating with maintainers via CI/CD reviews.
- CodeChef 3-Star Coder (Top 4%):** Achieved a maximum rating of 1769 (Division 2) on CodeChef, ranking among the top 4% globally, and solved 300+ complex problems across multiple platforms, showcasing strong skills in data structures, algorithms, and efficient problem-solving.