

TUSHAR RAJ

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Technical Skills

Programming Languages: Java, JavaScript, HTML/CSS, Python

Databases: MongoDB, SQL

Technologies: React.js, Vue.js, Bulma, Django, Node.js, Express.js, RESTful APIs, Linux, Nginx

Soft Skills: Problem-solving, Team Work, Communication

Experience

Tata Consultancy Services

May 2025 – Present

Systems Engineer

Pune, Maharashtra

- Developed a dynamic admin dashboard using React.js with modular components, supporting CRUD operations
- Integrated interactive UI elements and charting libraries (e.g., Recharts) to visualize real-time metrics and user activity.
- Tech Stack:** JavaScript, HTML/CSS, React.js, NPM packages

Floww APIs Pvt. Ltd.

Sep 2024 – May 2025

Full Stack Developer

Pune, Maharashtra

- Performed Core API integrations for [Atom Mail](#), the company's proprietary mailing system, enabling critical features like domain transfer, dynamic mail storage, automated backup/archival, and alias management in [Console](#), improving operational efficiency by **30%** and supporting a **2x** increase in active user base over **6** months.
- Formulated automated email marketing system using Python scripts, driving **35%** improvement in campaign performance and user retention rates.
- Contributed to [NETMOS](#) government transport monitoring system, building courier tracking interface, serving **1000+** daily active users.
- Orchestrated secure deployment using Linux, VMs, and Nginx, managing HTTPS migration for [Atom-Builder](#) and Client websites achieving **99.9%** uptime
- Developed FlatX, a real estate web app inspired by NoBroker.in, with search filters, Google Maps integration, and interactive video overlays for property listings.
- Tech Stack:** JavaScript, Python, Django, Vue.js, HTML/CSS, Bulma, Linux, REST APIs, Postman

Vodafone Idea

Jan 2024 – Mar 2024

Graduate Engineer Trainee

Patna, India

- Worked on dashboard projects developing features such as OCR integration using tesseract.js that captures text from images in less than **5** seconds
- Collaborated with team members using version control systems such as **Git** to organize modifications and assign tasks.
- Tech Stack:** JavaScript, HTML, CSS, Tailwind

Personal Projects

TealCRM | Python, Django, HTML/CSS

January 2025

- Built a smart lead and client management system with secure authentication, admin roles, and real-time dashboard tracking.
- Implemented lead-to-client conversion workflow with persistent comments and file uploads for seamless data retention.
- Added plan-based access control and data export features (CSV/Excel), along with multi-team switching for better collaboration.

Tic-Tac-Toe with Chat Integration | React.js, HTML/CSS, Node.js, WebSockets

February 2024

- Engineered a real-time multiplayer Tic-Tac-Toe game using WebSockets, enabling seamless two-way communication between players.
- Implemented optimized chat functionality with sub-1 second response time, ensuring smooth in-game interaction and low-latency experience.

Leadership / Extra-curricular

- 3rd Place**, National-Level English Slam Poetry Competition – *IIT Kharagpur* (2023)
- Host** of two Major college events – *TechFest* and *Alumni Meet* (2022, 2023)
- State Runner-Up** and **1st Place** in Inter-College *Table Tennis* Tournament (2024)

Education

Bhagalpur College of Engineering

Dec 2020 – Aug 2024

B.Tech in Electronics and Communication Engineering

CGPA: 8.75/10