JATIN PATHAK

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Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University **August 2022 – Present**
B.Tech in Information Technology (Minor: Data Science), CGPA: 8.34/10 *Navi Mumbai, India*

Experience

Blue Address **May 2025 – Present**
Fullstack Developer & SEO Intern *Powai, India*
- Launched a high-performance real estate platform using **React.js**, **Vite**, and **Tailwind CSS**, achieving a **94%** decrease in page load time, enhancing **UX** and **SEO** ranking.
- Drove a **60%** increase in organic traffic by implementing advanced **SEO** strategies and achieving a **98/100** Lighthouse score.
- Engineered a scalable **REST API** backend with **Node.js**, **Express.js**, and **PostgreSQL**, incorporating **RBAC** and **Cloudinary** for secure image management and access control.
- Trusted to lead architecture and roadmap for **TCJ Realty**'s web platform due to consistent high-impact delivery.

RV Networking **September 2024 – February 2025**
Frontend Developer Intern *Nerul, India*
- Developed and deployed **7** production-grade, mobile-optimized websites using **HTML5**, **CSS3**, **JavaScript**, and **React.js**, improving engagement and loading speed.
- Improved cross-device compatibility and **UX** by designing with mobile-first principles, directly impacting client retention.
- Partnered with clients to convert requirements into responsive, visually appealing user interfaces, strengthening client relationships and project turnaround.

Projects

PageTurner | *React, TailwindCSS, NodeJS, Firebase, ExpressJS, MongoDB* **December 2024**
- Designed and deployed a scalable **MERN** stack bookstore with integrated **JWT** authentication via **Firebase**.
- Implemented user authentication with Firebase, enabling secure login and registration.
- Built an admin dashboard enabling full **CRUD** functionality, order tracking, and revenue analytics.
- Leveraged **MongoDB Atlas** for cloud-hosted data storage, ensuring fast access and real-time updates.

Credit Card Fraud Detection | *Python, NumPy, Pandas, Scikit-learn, Seaborn, Matplotlib, XGBoost* **October 2024**
- Achieved an **F1-score** of **92%** through data-driven experimentation with **XGBoost**, **Random Forest**, and **SMOTE** balancing techniques.
- Constructed robust feature pipelines and visual dashboards using **Seaborn** and **Matplotlib** for interpretability.
- Delivered actionable model insights to stakeholders, enabling data-informed decision-making.

Technical Skills & Certifications

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Java, Python, C
Web Development Technologies: React.js, Tailwind CSS, Bootstrap, React Router DOM, Vite, Node.js, Express.js, RESTful APIs
Databases: MongoDB, PostgreSQL, MySQL
Cloud & DevOps: Firebase, Netlify, Vercel, GitHub, Git, Cloudinary
Development Tools: Visual Studio Code, Chrome DevTools, Postman, Figma (for UI collaboration)

Certifications:
- React The Complete Guide – Udemy
- AWS Cloud Architecture – AWS Academy Graduate

Leadership

CSI-RAIT **August 2024 – June 2025**
Technical Head *Navi Mumbai, India*
- Directed and mentored a cross-functional team of **10** developers to architect and launch a high-visibility techfest platform using **TypeScript**, **Vite**, and **React**, achieving **#1 Google ranking** and driving a **15,000+** footfall.
- Orchestrated and delivered **3+** hands-on workshops on **C Programming**, **DSA**, and **Spring Boot**, attracting **200+** students, boosting club engagement by **40%**.
- Secured the **Best CSI Team Award** by fostering a culture of innovation, aligning tech deliverables with event goals, and ensuring high-impact delivery under tight deadlines..

Extracurricular

Hacktober Fest **October 2024**
Runner-Up *GDG, RAIT, Navi Mumbai*
- Participated in a collaborative coding event focused on open-source contributions, covering Git/GitHub basics and best practices, while engaging in hands-on problem-solving sessions and coding challenges.