PRATIK RAJ

Bihar, India

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Education

National Institute of Technology	Kurukshetra, Haryana
Master of Computer Applications, **CGPA- 8.19**	*Aug. 2023 – Present*
College of Commerce,Arts and Science,	Patna,Bihar
Bachelor of Computer Applications, **Percentage-68.6**	*Jan. 2020 – Jan. 2023*
Holy mission sec School	Patna,Bihar
Class XII, **Percentage-69.8**	*July, 2020*
Vishashvi public School	Patna,Bihar
Class X, **Percentage-72.6**	*May,2018*

PROJECTS

BUY & BLAST⧉ | MERN Stack, Cloudinary, Tailwind CSS, Framer Motion   **Jun. 2025 – Aug. 2025**
- Engineered a full-stack Buy and Sell web application using React frontend and Node.js/Express backend.
- Implemented JWT-based authentication for secure user login and session management
- Integrated Cloudinary for image upload and storage of product photos.
- Optimized UI with Tailwind CSS styling, Prebuilt UI, Framer Motion animations, and React-Toastify notifications.
- Adopted by 60+ verified college users, proving real-world reliability and usability.

Attendance Management System⧉ | HTML, CSS, JS, Python, Node.js, Express   **Jun. 2024 – Present**
- Designed a face-recognition-based attendance system using Python and DeepFace.
- Constructed Node.js/Express APIs to manage attendance records in MongoDB.
- Built role-based dashboards for students, teachers, and admins.
- Automated attendance marking with real-time face matching and Excel report generation.

Decoding Destiny⧉ | Astrology CLI App — Java, API Integration   **Jan. 2024 – Apr. 2024**
- Created a Java-based CLI app to generate Vedic astrology predictions.
- Utilized OOPs principles, exception handling, and regex parsing in Java.
- Connected an external API to fetch real-time planetary data.

Technical Skills

Languages: JavaScript (ES6+), SQL, Java, Python (basic, applied in projects), C, HTML5, CSS3
Concepts: REST APIs, SDLC, Data Structures & Algorithms (DSA), DBMS, OOPs, Operating Systems, Computer Networks
Frameworks/Tools: ReactJS, Node.js, Express.js, Tailwind CSS, Framer Motion, Git, GitHub, VS Code
Databases: MongoDB, MySQL
Other: Postman, Linux, MS Office

ACHIEVEMENTS

Solved 300+ Data Structures and Algorithms (DSA) problems across LeetCode and GeeksforGeeks, improving problem-solving and analytical skills

CERTIFICATIONS

- **IBM SkillsBuild – Click, Code, Create: Beginner's Guide to Front End Web Development** (Project-Based Learning; CSRBOX/IBM) · Jul–Aug 2025 · Team ID: IBM25PBL1881

- **Virtual Internship in Ethical Hacking and Penetration Testing** – C-DAC Noida (May 2024 – Jun 2024)

- **Graph Theory Programming Camp** – AlgoUniversity (Mentored by Codeforces Master Manas K. Verma)

- **Certificate of Appreciation as Student Coordinator** – Short Term Course on Machine Intelligence and Vision Algorithms (MIVA-2024), NIT Kurukshetra

- **Certificate in Data Analytics with MS Excel** – Institution's Innovation Council & Mexperts, NIT Kurukshetra; participated in "Master Data Analytics with MS Excel" (Jan 22, 2025)