

Priyanshu Raj

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EDUCATION

Parul University

Bachelor of Computer Science — President of University Programming Club

Vadodara, Gujarat

May 2024 – May 2028

Central Academy

Major: Physics, Chemistry, Mathematics (PCM)

Ranchi, Jharkhand

June 2022 – April 2024

PROJECTS

Vyana | TypeScript, React.js, Next.js, Prisma ORM, Tailwind CSS, Framer Motion

July 2025 – August 2025

Developed a full-fledged tourism platform for Jharkhand with multi-role support (tourists, guides, sellers, admin).

Implemented real-time interactive map for guide tracking (Uber-like experience) and smart itinerary builder for personalized trip planning.

Built secure 3-tier authentication & verification system (Phone, Aadhaar, Onsite) for users and admins.

Created admin dashboards and data insights tools to support tourism boards and government decision-making.

Promoted local culture by highlighting artisans, handicrafts, and tribal communities through the platform.

CampusSphere | React.js, Node.js, Express, MongoDB, JWT

May 2025 – June 2025

- Developed a full-stack campus networking platform connecting students, alumni, and faculty for opportunities, events, and referrals.
- Implemented secure JWT-based authentication and role-based access for students, alumni, and admins.
- Built dynamic opportunity listing, referral requests, and event management modules integrated with MongoDB backend.
- Designed responsive and interactive frontend using React.js, Tailwind CSS, and modular components for reusability.
- Implemented file uploads, notifications, and real-time updates to enhance user engagement and interactivity.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, TypeScript

Technologies: Flask, Django, TensorFlow, Keras, Scikit-learn, Pandas, NumPy

Frontend: HTML, CSS, React.js, Next.js, Tailwind CSS, Framer Motion

Backend: Node.js, Express.js

Databases: MySQL, PostgreSQL, MongoDB

CS Fundamentals: Object-Oriented Programming (OOPs), DBMS, Operating System

ACHIEVEMENTS

- Active problem solver on coding platforms: Codeforces, CodeChef, LeetCode, Codolio, consistently improving algorithmic and data structure skills.
- Completed multiple practice problems and personal projects to strengthen programming and problem-solving abilities.
- Selected in internal college round of Smart India Hackathon (SIH).

CO-CURRICULAR ACTIVITIES

- President of University Programming Club, organizing weekly coding challenges and workshops.
- Member of IEEE Student Branch, participating in workshops, technical events, and seminars.
- Member of College Explorer Club, involved in dance and event management activities.