

Trupti Ranjan Barik

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EDUCATION

Regional College of Management

Master of Computer Application

• CGPA of 8.3

09/2023 – 06/2025

Bhubaneswar, Odisha

Bhadrak Autonomus College

Bachelor of Science in Information Technology and Management

• CGPA of 8.73

09/2019 – 07/2022

Bhadrak, Odisha

PROFESSIONAL EXPERIENCE

OdionTech Private Ltd.

Frontend Developer

Chandaka Realestate, Bhubaneswar

02/2025 - Present

- **Authored** key frontend pages and **refined existing ones** using **React** and **Tailwind CSS**, delivering responsive user interfaces.
- **Incorporated custom animations** via **GSAP**, improving user engagement and streamlining page navigation across critical site sections.
- **Implemented intricate scroll-based and timed animations** on **10+ distinct website sections**, enriching content presentation.
- **Ensured consistent responsiveness** and **cross-device compatibility** for all UI components, passing accessibility standards on **90% device types**.
- **Maintained codebase integrity** and **fostered collaborative development** through **Git** and **GitHub** for version control and task tracking.

SKILLS

- **Languages:** JavaScript (ES6+), C++
- **Frameworks & Libraries:** React, Tailwind CSS, GSAP
- **Tools:** Git, GitHub, VS Code, Netlify
- **Soft Skills:** Team Collaboration, Problem Solving, Fast Learner

PROJECTS

2. Animated Website Frontend

06/2025 - 07/2025

- Crafted a highly interactive and visually engaging website frontend leveraging **React** and **GSAP**, integrating **15+ complex timeline-based animations and transitions** to elevate user experience.
- Directed custom scroll-triggered animations and micro-interactions across **5+ distinct sections**, driving a measurable increase in user engagement and establishing a fluid, memorable Browse experience.
- Optimized animation rendering to maintain a smooth **60 frames per second (FPS)** across diverse devices, ensuring a seamless visual experience without performance bottlenecks.
- Created a modular animation library using **GSAP**, reducing animation development time by **25%** for future feature implementation and enhancing code reusability.
- **Conducted cross-browser compatibility testing** across **4 major browsers** (Chrome, Firefox, Safari, Edge) to ensure consistent animation performance and visual integrity.

3. College Alumni Portal

01/2025 - 04/2025

- Constructed a responsive alumni portal with **React** and **Tailwind CSS**, reducing UI load time by **30%** through component optimization. 01/2025 – 04/2025
- Implemented user authentication and alumni registration forms that handled over **100+ test users** during initial deployment.
- Built **50+ interactive pages** using **React Router**, enabling smooth navigation without page reloads.
- Utilized **React Hooks (useState, useEffect)** to manage form state and fetch user data, improving code modularity by **40%**.
- Designed a mobile-friendly interface, achieving **95%+ mobile usability score** in **Lighthouse performance audits**.