



Ritik Lodhi

Roll No : 23CD3054
Bachelor of Technology
Computer Science and Design Engineering
Rajiv Gandhi Institute of Petroleum Technology

+91- 6266054714
ritiklodhi35@gmail.com
23CD3054@rgipt.ac.in
Github
LinkedIn

Summary

Pre-final year CS undergrad at RGIPT with 1 internship, 3 production-deployed projects serving 15k+ users, and SIH 2025 Grand Finalist. Skilled in React, Next.js, Node.js, TypeScript and PostgreSQL. Seeking SDE internship to build scalable, user-facing products.

Education

Rajiv Gandhi Institute of Petroleum Technology	Jais, Amethi
B.Tech. in Computer Science and Design (CGPA: 7.82/10 *6th Sem)	2023-27
Nobel Public School Silari Sagar MP	Academic Year
Senior Secondary CBSE Board (Percentage: 88.8%)	2022

Experience

YugaYatra Retail Private Limited	June 2025 – Aug 2025
Software Engineer Intern (Web Developer)	Remote
<ul style="list-style-type: none">Engineered responsive, component-based UIs using React and Tailwind CSS, ensuring consistent experience across mobile and desktop for 3+ live client projects.Shipped production-ready frontend features for client projects on Upwork, translating design mockups into pixel-perfect components and meeting all deadlines.	

Projects

RGIPT Resume Portal	Feb 2026 – Present
<i>Institutional resume builder with RBAC, admin-controlled profiles, and PDF export for TNP submissions</i>	🔗 📄
<ul style="list-style-type: none">Solely architected a full-stack resume portal using React, Node.js, Express, MongoDB, and Tailwind CSS with RBAC, separating admin and student permissions to prevent manipulation of critical data like CPI.Built a dynamic resume builder with one-click PDF export, deployed in beta at RGIPT enabling the TNP office to directly collect and verify student resumes, eliminating manual submission risks.	
SAARANSH – AI-Assisted MCA E-Consultation Platform	Sept – Dec 2025
<i>SIH 2025 Finalist — Full-stack platform for multilingual public consultation analysis</i>	🔗 📄
<ul style="list-style-type: none">Architected the full-stack infrastructure to process 1k–10k multilingual consultation comments using React, Express, and Neon PostgreSQL.Built RESTful APIs with Express and FastAPI to integrate ML model outputs, and designed PostgreSQL schema with RBAC supporting admin and analyst dashboards with structured analytics.	
Urjasangam Website	Sept – Oct 2025
<i>Technical Coordinator, RGIPT Fest — Official fest website attracting 15k+ visits</i>	🔗 📄
<ul style="list-style-type: none">Co-developed a fully animated, mobile-optimized fest website using Next.js, React, and Tailwind CSS, attracting 15k+ visits during the event period.Implemented live event updates, image gallery, FAQ section, and smooth page transitions using Framer Motion, delivering an engaging experience across all devices.	

Technical Skills

Languages : C++, C, Python, JavaScript, TypeScript

Web & Frameworks : React, Next.js, Node.js, Express, FastAPI, Tailwind CSS, REST APIs

Tools & DevOps : Git, Docker, MongoDB, PostgreSQL, Neon DB, Postman, Vercel, Render, Nginx

Achievements

DSA : Solved 700+ DSA problems across LeetCode (500+), GFG (180+), and Codeforces (50+).	🔗 📄
SIH Finalist : Reached Grand Finale of Smart India Hackathon among 1.4 lakh+ teams nationwide.	2025
NEC 2025 : Top 35 teams at IIT Bombay's National Entrepreneurship Challenge.	2025
JEE Advanced : Ranked in top 3% of 180,000+ candidates nationwide.	2023

Positions of Responsibility

Kode Club Head : Science & Technical Council, RGIPT	Aug 2025 – Present
<ul style="list-style-type: none">Led and organized 5+ coding events (DSA, hackathons, dev workshops) and built SAC website.	
Technical & Logistics Head : Entrepreneurship Cell, RGIPT	Aug 2024 – Aug 2025
<ul style="list-style-type: none">Built E-Cell website and managed technical & logistics operations across 3+ events.	