

Ayush Raj

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Education

National Institute of Technology, Rourkela , – B.Tech in Civil Engineering	2021– 2025
• CGPA: 6.7/10 (Link)	
RPS College, Patna , – Class 12 (BSEB)	2019
• Percentage: 75% (Link)	
St. Paul's School, Patna , – Class 10 (CBSE)	2017
• Percentage: 92% (Link)	

Experience

Technocolabs Software – Full Stack Web Developer– (15 May 2024 – July 2024)	Link
– Worked in a team to develop a full-stack Employee Management System with frontend and backend features.	
– Implemented CRUD operations, user authentication, and integrated storage solutions.	
Credora – Web Developer– (May 2025 – Sep 2025)	Link
– Developed and maintained full-stack web applications.	
– Contributed to both frontend and backend modules, improving performance and usability.	

Projects

Employee Management System (MERN)	Link
– Built a full-stack employee management platform with CRUD operations (Add, Update, View, Delete).	
– Integrated Cloudinary for image storage and Multer for file uploads.	
Vibe Check Quiz App (Next.js, Tailwind, Supabase)	Link
– AI-powered quiz platform for real-time personality insights and knowledge testing.	
– Supports traditional MCQ scoring and social sharing.	
E-commerce Backend API (FastAPI, MongoDB)	Link
– Built APIs for products and order management	
– Hosted on Railway with MongoDB integration.	
Water Discharge Level Prediction	Link
– Modeled discharge and water levels at multiple stations using ML algorithms, Conducted model comparison and optimization for accuracy.	

Technical Skills

Languages: DSA, C++, python, javascript, Node.js, Express.js, React.js Next.js,

Technologies: SQL, PostgreSQL, MS Excel, PowerBI, Ghub, pandas, numpy, jupyter notebook, vs Code, Machine Learning, MongoDB

Technologies: EDA, Data Modeling, Statistical Analysis, KPIs, DevOps, pipelines, LangChain, prompt Engineering.

Certificates

Leetcode | GeekforGeek | Hack Vega | Coding Ninjas | Excellence | Devtown | unstopp | AI

Position of Responsibility

- Directed team operations for CEST Club at NIT Rourkela