

JANMENJAY PANIGRAHI

Bhubaneswar, Odisha

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EDUCATION

International Institute of Information Technology
B.Tech in Computer Engineering — CGPA: 7.92

Nov'22 - Expected June 2026
Bhubaneswar, Odisha

Kendriya Vidyalaya, Baripada
Senior Higher Secondary (Science) — Percentage: 91.8%

Apr'19 - Mar'21
Baripada, Odisha

PROJECTS

IIITConnect - Team Collaboration Platform 🔒

2025

- Architected a scalable MERN stack platform serving 100+ students, utilizing **MVC design patterns** to ensure modularity and code maintainability.
- Engineered a fault-tolerant message queue architecture with **RabbitMQ**, implementing automatic retry logic and dead-letter queues to achieve **99.5% delivery reliability**.
- Ensured system stability under concurrent load (sub-100ms latency) by containerizing with **Docker** on **AWS EC2**.

EduStream - Ed-Tech Platform 🔒

2024

- Designed a secure learning management system with distinct modules for students and instructors.
- Implemented **JWT authentication** and **RBAC** to enforce strict data security policies.
- Integrated payment gateways and media storage with robust error handling, ensuring **99.9% transaction reliability** for financial operations.

CE-Bootcamp - Student Showcase Hub 🏆

2024

- Developed the **backend architecture** for a student profiling platform enabling users to showcase skills and projects, enhancing collaboration.
- Implemented secure RESTful APIs, optimized database queries, and ensured scalability, reliability, and data integrity.

TECHNICAL SKILLS

Languages: C++, JavaScript (ES6+), , SQL

Backend: Node.js, Express.js, RESTful APIs, Message Queues (RabbitMQ), Auth (JWT/OAuth)

Frontend: React, Redux, HTML5, CSS3, TailwindCSS

Infrastructure & Tools: Docker, AWS (EC2), Git, GitHub, Postman,

CS Fundamentals: Data Structures & Algorithms, OOP, DBMS ,OS

ACHIEVEMENTS

- Solved 500+ problems on **LeetCode** (Rating: **1860, Knight**). Ranked in the **Top 5%** of users globally .
- Secured 2nd place in **Code-O-Lympics** and **Code On Foundation** contests at IIIT Bhubaneswar.
- Attended **MLSA Beta Advancement** Session: Dive into Web Dev.

EXTRACURRICULAR

Sports Secretary

2024 – 2025

IIIT Bhubaneswar

- Led cross-functional teams to organize two annual sports festivals with 600+ participants, handling logistics, scheduling, and volunteer coordination.
- Directed volunteer operations, ensuring effective communication and execution of large-scale events.