JANMENJAY PANIGRAHI

Bhubaneswar, Odisha

janmejaypanigrahi22@gmail.com | +91-9556793815 | GitHub | LinkedIn

SUMMARY

Final-year Computer Engineering student and competitive programmer (LeetCode 1747+, 650+ problems) with a strong command of C++, Data Structures, and Algorithms. Experienced in designing and deploying scalable full-stack applications (MERN) for 500+ users. Seeking an SDE role to design and build innovative, fault-tolerant solutions for large-scale distributed systems.

SKILLS

Languages: C++ (Advanced), JavaScript, Python,

Frontend: React.js, Redux, Tailwind CSS

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB,SQL

Core Concepts: Data Structures, Algorithms, System Design, JWT, RBAC, Agile

Developer Tools: Git, Docker, Postman, Cloudinary

EDUCATION

IIIT Bhubaneswar   Bhubaneswar, Odisha
B.Tech in Computer Engineering, GPA: 8.00   *2022 – 2026*

RELEVANT COURSEWORK

Data Structures & Algorithms • Operating Systems • Computer Networks • OOPs

PROJECTS

IIITConnect – Campus Utility Platform   MERN Stack
GitHub
- Designed and deployed a scalable MERN-stack platform to serve as a central hub for campus utilities, consolidating fragmented tools by 70%.
- Architected a modular team management system with a flexible MongoDB schema to handle dynamic user roles and project associations efficiently.
- Engineered a real-time messaging service using Node.js and WebSockets, implementing a pub/sub model to minimize latency and server load during peak usage.

StudyNotion – Full-Stack Ed-Tech Platform   MERN Stack
GitHub
- Architected a full-stack educational platform using a microservices-inspired approach for distinct user (student/instructor) and course management services.
- Integrated third-party APIs (Cloudinary) with robust error handling and retry logic to ensure fault tolerance for critical functions like media upload and payment processing.
- Implemented multi-layered security including JWT-based authentication, role-based access control (RBAC), and input sanitization to protect against common web vulnerabilities.

ACHIEVEMENTS

Solved 650+ problems on LeetCode with a current rating of 1747+

Secured 2nd position in Code-o-lympics, IIIT Bhubaneswar coding competition

Secured 2nd position in Code-on-Foundation coding contest at IIIT Bhubaneswar

POSITIONS OF RESPONSIBILITY

Sports Secretary, IIIT Bhubaneswar   2024 – 2025

- Managed planning and execution for large-scale events with 600+ participants, defining project timelines, delegating tasks, and optimizing workflows to reduce administrative overhead by 15%.