

JAYADITYA SAHU

Software Engineer Intern

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📍 [Portfolio website](#)

in [Linkedin](#)

🐙 [Github](#)

[Leetcode](#)

EXPERIENCE

Software Development Co-op Intern

[AlgoUniversity](#) (backed by Y-Combinator)

📅 May 2025 – July 2025

📍 Hyderabad, India

- React | NodeJS | ExpressJS | MongoDB and Multer for streaming | Docker | JWT web tokens
- Engineered a production-grade **online judge system**, having capability to support 500+ active users.
- Integrated **Monaco editor**, JWT auth, real-time code feedback.
- Architected **scalable REST APIs** and containerized execution using **Dockerto** isolate user code during compilation, improving reliability and security. [Github](#)

ACHIEVEMENTS

- Became **National Semi-finalist** in Flipkart Grid 7.0. [Certificate](#)
- Solved Over **460+ Coding Questions** on Different Coding Websites. 1780+ rating in Leetcode. [Codolio profile](#)
- **Global Rank 1133** in Meta Hacker Cup 2025 [Certificate of Achievement](#)
- Achieved **Global Rank 632** in Leetcode Weekly Contest 473 .

TECHNICAL SKILLS

• Programming Languages

- C++
- C
- Javascript

• Frameworks & Libraries

- HTML, CSS
- ReactJS, NodeJS, ExpressJS
- MongoDB
- Bootstrap, Tailwind CSS
- Numpy, Matplotlib

• Version Control

- Git
- Github

• Other Tools

- React Redux Tool, Docker, Postman

COURSEWORK SUBJECTS

- Design and Analysis of Algorithm
- Operating System
- Computer Organization and Architecture
- Formal Language and Automata Theory
- Database Management System

EDUCATION

AIR 1686 JEE Adv 2023, B.Tech.

CSE - 8.89 CGPA

Indian Institute of Technology, Bhubaneswar

📅 2023 – 2027

Higher Secondary - 96.0%

Delhi Public School

📅 2022

📍 Nalco nagar, Angul, Odisha

Secondary - 97.2%

Delhi Public School

📅 2020

📍 Nalco nagar, Angul, Odisha

PROJECTS

[A Shareable Link Generating App For Files](#)

- React | ExpressJS | MongoDB and Multer for streaming
- Architected a full-stack File Sharing App enabling **secure uploads/downloads** via auto-generated links.
- CORS-ready and environment-driven, it's a lightweight microservice which can be plugged into any large-scale ecosystem. [Github](#)

[Superstore Bill System](#)

- C++ | OOPS | File Handling
- Implements structured data handling for products invoices. - **Demonstrates clear application of file I/O for persistent storage.** - Builds foundational algorithms for potential future projects like bill calculation, tax addition, and stock updates. [Github](#)

[CPU Scheduling Simulator](#)

- C++
- This is a console based simulator of **CPU scheduling algorithms** such as **First Come First Serve(Non-preemptive)**, **Shortest Job First(Non-preemptive)**, **Shortest remaining time(Preemptive)**, **Round Robin(Preemptive)**, **priority scheduling** etc.
- Shows the start time, end time of each process as per the scheduling algorithms , where user gives the process IDs and start times and other necessary details as per the scheduling algorithm. [Github](#)