

AMRUTANSHU MISHRA

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🌐 [LinkedIn](#)

[Codeforces](#)

[LeetCode](#)

🐙 [GitHub](#)

Education

National Institute of Technology, Rourkela

Bachelor of Technology in Computer Science and Engineering (CGPA - 9.71)

August 2023 – Present

Rourkela, Odisha

Mother's Public School, Bhubaneswar

AISCCE – CBSE, Science (PCM) (Percentage - 95%)

May 2023

Bhubaneswar, Odisha

El Nissi Mission School, Junagarh

AISSE – CBSE (Percentage - 94%)

May 2021

Junagarh, Odisha

Relevant Coursework

- Data Structures
- Database Management Systems
- Algorithms
- Object-Oriented Programming

Projects

Talkify-Real Time Chat Application

December 2024 – January 2025

React, Node.js, MongoDB, Socket.io, JWT, TailwindCSS, Daisy UI, Render

[Visit My Website](#)

- Built a real-time chat app for **10+** users, handling **1000+** messages with sub-second latency
- Implemented end-to-end JWT authentication and access control, securing **100%** of active user sessions.
- Improved load speed by **25%** and responsiveness by **20%** via MVC and frontend optimization.
- Reduced session drop-off by **20%** with intuitive chatroom navigation.
- Completed the project in **4** agile sprints over 5 weeks, following key SDLC stages and iteratively improving features based on testing and user feedback.

Converge -Video Conferencing Application

December 2024 – January 2025

Next.js, TypeScript, Clerk, Stream, Vercel, GitHub

[Visit the website](#)

- Built a scalable conferencing app for **50+** users with **10+** parallel meetings
- Achieved **99.9%** uptime and reduced video latency by **20%**.
- Streamlined login with Clerk, achieving sub-**500ms** auth speed and **95%** cross-browser compatibility.
- Applied risk-aware design and cross-functional development, ensuring **99.9%** stability across **10+** demo sessions.

Achievements/Certifications

- **Algoblitz** March 2025
Ranked **2nd** in a multi-year coding competition (1st–4th year) at NIT Rourkela.
- **Leetcode** February 2025
Achieved a peak rating of **1802** on LeetCode and attained a global rank of **1430** in Weekly Contest **421**.
- **ALgo Utsav(Team Contest): A competitive programming competition** February 2025
Secured **1st Rank** in a nationwide, team contest with **2500+** participants from top engineering colleges across India.
- **Codeforces: Specialist title** December 2024
Earned the title of Specialist with a maximum rating of **1475** on Codeforces, a leading competitive programming platform, and secured an overall rank of **329 globally** in Codeforces **Round 993 (Div. 4)**.
- **CodeChef: Division 2 Coder** July 2024
Attained a rating of **1665** on the CodeChef platform, holding the status of a **Division 2** participant CodeChef ID

Technical Skills

- **Languages:** C, C++, Java, Python
- **Developer Tools:** VS Code, Sublime, Git & GitHub, Postman, Vercel, Render, Clerk
- **Technologies/Frameworks:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, REST APIs

Extracurricular Activities

Algorithmic and Programming Society

December 2023 – Present

Technical Member – Algorithmic and Programming Society

National Institute of Technology, Rourkela

- Mentored **50+** students weekly in DSA and ICPC-style problem solving, strengthening their Codeforces and LeetCode performance.
- Organized programming contests with **1000+** participants, ensuring smooth execution and active engagement.