Amrutanshu Mishra

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Education

National Institute of Technology, Rourkela   September 2023 – Present
Bachelor of Technology in Computer Science and Engineering (CGPA - 9.59)   Rourkela, Odisha

Mother's Public School, Bhubaneswar   May 2021
AISCCE – CBSE, Science (PCM) (Percentage - 95%)   Bhubaneswar, Odisha

El Nissi Mission School, Junagarh   May 2019
AISSE – CBSE (Percentage - 94%)   Junagarh, Odisha

Relevant Coursework

- Data Structures and Algorithm
- Database Management
- Object Oriented Programming
- Design and Analysis of Algorithms

Projects

Real-Time Chat Application   December 2024 – January 2025
React Js, Material UI, APIs   *GitHub*

- Developed a full-stack real-time chat application supporting over 100 simultaneous users with low-latency message delivery.
- Designed an intuitive interface using React.js, achieving a 25 percent faster page load time compared to similar platforms.
- Integrated MongoDB, optimizing query performance by 40 percent for scalable data handling.

Achievements/Certifications

- **Codeforces**   December 2023
  Secured overall of rank 329 in codeforces platform in Round 993(Div.4) contest   Certificate

- **Codeforces: Specialist Title**   December 2024
  Achieved the title of Specialist with a peak rating of 1475 on a top Competitive Programming platform.   Certificate

- **Academic Excellence Award**   November 2024
  Received Award from the Department of CSE for having the second highest CGPA of 9.59.   Certificate

- **Algo Vision**   September 2024
  Secured 6th rank as part of a 2-member team in Algo Vision, a competitive programming competition held at NIT Rourkela, competing against 50+ teams in solving algorithmic challenges..

- **Atcoder**   December 2024
  Secured overall of rank 954 in AtCoder Regular Contest 178   Certificate

- **Codechef**   July 2024
  Secured overall of rank 25 and a rating of 1665 in codechef platform in starters 138 division 3 contest

- **Algo Utsav**   July 2023
  Secured 1st place in the premier programming contest at NIT Rourkela, competing against top coders.

Technical Skills

- **Languages**: C++, C, HTML/CSS, Javascript, Verilog HDL
- **Operating Systems**: Windows, MacOS
- **Developer Tools**: VS Code, Sublime
- **Technologies/Frameworks**: Node js, Next js, Express js, React js, MongoDB, Tailwind CSS

Extracurricular Activities

Algorithmic and Programming Society   december 2023 – Present
Technical Member – Algorithmic and Programming Society   *National Institute of Technology, Rourkela*

- Developed structured learning resources and pathways to facilitate steady progress for beginners and advanced coders alike..
- Collaborated with other members to plan and execute club events, ensuring a seamless experience for participants.
- Mentored junior members, providing individualized guidance and strategies to enhance their performance in contests like Codeforces, CodeChef, and ICPC.