

Manjit Majhi

B.Tech. | NIT Rourkela

Final Year, Mechanical Engineering
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Education

DECEMBER 2021- JULY 2025

UNDERGRADUATION

B.Tech, Mechanical Engineering,
National Institute of Technology Rourkela
CGPA: 7.75/10

AUGUST 2020

INTERMEDIATE

Government Higher Secondary School,
Rourkela
Percentage: 73.50%

MAY 2018

MATRICULATION

Chinmaya Vidyalaya, Sec-7, Rourkela
Percentage: 76.83%

Profiles

LeetCode: [manjit-code](#)
CodeForces: [isaac01](#)
Github: [manjit-hub](#)
LinkedIn: [manjit-majhi](#)

Skills

PROGRAMMING LANGUAGES

C++, JavaScript, HTML, CSS

FRAMEWORKS AND LIBRARIES

React JS, Node JS, Express JS

DATABASES & TOOLS

SQL, MongoDB, Git, Docker, AWS,
Digital Ocean, Postman, VS Code

DESIGN TOOLS

Figma, Canva, Adobe Illustrator

AI TOOLS

ChatGPT, BlackBox, Copilot, Mistral

SOFT SKILLS

Team Collaboration, Project Management

Relevant Courses

Graph Theory
Operating Systems
Object-Oriented Programming
Database Management Systems
Data Structures & Algorithms (DSA)
Full-Stack Development (MERN)

Work Experience

MAY 2024 – JULY 2024 **AlgoUniversity** || [SDE](#) [Source Code](#) || [Live](#)

- Designed and engineered an **online judge** platform supporting real time code compilation and execution across multiple programming languages (currently C++), increasing user satisfaction by **30%**.
- Architected and **deployed a scalable microservices solution on AWS** accommodating 50% more concurrent users while **reducing latency by 25%**.
- Streamlined development and deployment with Docker, cutting time by 30% and boosting workflow efficiency.
- Technologies used: **MongoDB, Express.js, React.js, Node.js, AWS, DigitalOcean, Docker, Postman.**

Projects

MAY 2024 – SEPTEMBER 2024 **CollegeMart** [Source Code](#) || [Live](#)

- Developed an **e-commerce platform using the MERN stack and Socket.io**, enabling real-time chat and responsive design, resulting in a 30% increase in user engagement.
- Optimized backend and database operations with MongoDB, **reducing query time by 25% and database response time by 20%**.
- Applied agile methodologies to shorten development cycles by 15%, delivering a high-quality product with 98% client satisfaction.
- Technologies used: **MongoDB, Express.js, React.js, Node.js, Socket.io.**

MARCH 2024 – APRIL 2024 **Notorite** [GitHub](#) || [Live](#)

- Built a platform for students to share and organize notes efficiently, enhancing user experience by 20%.
- Implemented JWT-based authentication**, strengthening security and decreasing unauthorized access attempts by 40%.
- Technologies used: **MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Cloudinary.**

Achievements / Certifications

JUNE 2024 **Graph Camp Programming Contest** [Certificate](#)

- Secured **Rank 270/1100+** among top participants from IITs, NITs, and IIITs, demonstrating proficiency in graph algorithms.

MAY 2024 **LeetCode Biweekly Contest 133** [Contest Link](#)

- Achieved **World Rank 495** among over 35,000 participants globally, showcasing advanced skills in algorithms and competitive programming.

JUNE-2023 **Data Structures and Algorithms**

- Solved over **600+ DSA problems on LeetCode and Codeforces**, emphasizing strong expertise and continuous learning.

Extra-Curricular Activities

2023 – 2024 **Design Mentorship** **NITRUTSAV, NIT Rourkela**

- Provided **design mentorship**, ensuring flawless creative execution and contributing to event success.

2021 – 2022 **Graphic Designer** **Various Clubs, NIT Rourkela**

- Created diverse visuals, enhancing communication and branding for club activities.