Rajat Rout

B.Tech. | NIT Rourkela

Final Year, Electrical Engineering
DOB: 12 March 2002
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Education

2021-2025
B.TECH., EE
NIT Rourkela
CGPA : 7.62/10

May 2020
INTERMEDIATE
SAI International School, Bhubaneswar
Percentage: 95%

May 2018
MATRICULATION
DAV Public School, Chandrasekharpur
Percentage: 96.4%

Links

GitHub:// **rajatrout6763**
LeetCode:// **rajatrout6763**
LinkedIn: **RAJAT ROUT**

Skills

GENERAL PROGRAMMING
C, C++, Python
HTML, CSS, Java Script

FRAMEWORK
React

DATABASE
MySQL

LANGUAGES
English, Hindi, Odia

Relevant Courses

Data Structures and Algorithms
Object Oriented Programming
Database Management System
Structured query language
Operating Systems

Work Experience/Projects

May-July 24 **Summer Internship Experience : Trident Group**
Graduate Engineering Trainee
- Reduced machine downtime from 0.18% to 0.05% by conducting root cause analysis and implementing predictive maintenance strategies.

Jan 2024 **ChatBase: Real-Time Interactive Chat App**
HTML | CSS | React JS | Firebase
- Implemented efficient state management and component-based architecture in React JS to handle dynamic data rendering and user interactions smoothly.
- Enabled real-time communication, data synchronization and ensured sub-100 ms latency for quick and efficient data management.

Jun 2023 **Fit-Fusion: Your Ultimate Workout Companion**
React JS | Material UI | Rapid API
- A responsive web app offering personalized workout plans and progress tracking with high performance for a seamless user experience.
- Browse exercise details from YouTube displaying similar exercises related to the same muscle.

Achievements/Certifications

MAR 2024	**HackNITR 5.0 Hackathon**	**Top 100 Participants**
JAN 2023	**Smart India Hackathon**	**Participation Certificate**
JULY 2022	**Hack2skill Hackathon**	**Top 20 teams**
MAY 2019	**KVPY**	**(Kishore Vaigyanik Protsahan Yojana)**
	Recipient of the KVPY Scholarship. **AIR-504**	
AUG 2018	**NTSE**	**(National Talent Search Examination)**
	Recipient of the NTSE Scholarship. **AIR-under 1000**	

Extra Curricular Activities

2022-23 **Campus Journalist**   **Monday Morning Organisation**
As a Campus Journalist at 'Monday Morning,' NITR's official student media body, I enhanced reader engagement, positively influenced the college community, and built valuable professional networks.   MM Portfolio: **Rajat Rout**

2023 **Manager,Event Management**   **Innovision Tech-fest**
Successfully executed one of the biggest techno-fest by organizing events, managing budget and handling logistics.

2022 **Hackathon Organiser**   **HackNITR Hackathon**
Spearheaded the organization of technology-driven events and honed project management, and problem-solving skills.