

Abinash Mallick

4th Year (B.Tech)
Civil Engineering
at NIT Rourkela
CGPA: 7.46 till 6th Sem

NIT Rourkela, Sector-1
Rourkela, India
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Education

2021-2025

B.TECH. IN CE
NIT ROURKELA

2018-2020

INTERMEDIATE
Adyant Higher Secondary School, Bbsr
Percentage: 78%

2018

HIGH SCHOOL
Saraswati Shishu Vidya Mandir, Jajpur
Percentage: 86%

Links

LinkedIn:// [abinashmallick](#)
Github:// [abinashmallick](#)
LeetCode:// [abinashmallick](#)

Skills

OS
MacOs, Windows
LANGUAGES
C/C++, Python, JavaScript
LIBRARIES AND FRAMEWORKS
Reactjs, NodeJs, ExpressJs, MongoDB

Coursework

Data Structures
Algorithm
OOPS
OS
Computer Networking
DBMS

Projects

- 2023 **E-commerce MERN Stack Application** **WEB DEV PROJECT**
Created a fully-functional e-commerce web application with features including:
- User Authentication with JWT & Product Listing and Search
 - Dynamic Shopping Cart, Stripe API Payment Integration & Order Management
 - Admin Dashboard for product and order management
- Technologies Used: MongoDB, Express.js, React.js, Node.js, JWT, braintree, CSS
- 2023 **Text File Compression and Decompression** **DSA PROJECT**
Implemented a program to compress and decompress text files using Huffman Coding algorithm to optimize storage and transmission. Implemented using C++.
- 2022 **Chatter-Box** **WEB DEV PROJECT**
Created a real-time chat application with user authentication, real-time messaging using Socket.io, message history, and responsive design.
Tools Used: MongoDB, Express.js, React.js, Node.js, Socket.io, JWT for authentication
- 2023 **Command-Line E-Commerce App | C++** **DSA PROJECT**
Developed a command-line e-commerce application in C++ featuring a product catalog, shopping cart, and order management. Utilized Object-Oriented Programming principles and file handling for persistent data storage and modular design. Implemented input validation and optimized the app for handling large product lists efficiently.

Certification

- 2022 **Online Course on Python** **CTTC, BBSR**
Completed an in-depth course on Python programming covering key topics such as: Basic Python Syntax and Semantics
- 2022 **Artificial Intelligence and Machine Learning Fundamentals** **Udemy**
Completed coursework in Artificial Intelligence and Machine Learning Fundamentals

Extra Cirricular Activities

- 2023 **NU Accommodation Volunteer** **NITRUTSAV**
Assisted with check-in/check-out procedures and addressed accommodation-related queries. Worked collaboratively with a team to ensure smooth event operations.
- 2022 **NCC**
Participated in training programs focusing on discipline, leadership, and community service. Engaged in various activities such as drills, parades, and camps.