

# Archana Rajodiya

## B.Tech. | NIT Rourkela

Final Year, Metallurgical and materials & Engg.  
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## Education

2021-PRESENT  
B.TECH., MME  
NIT Rourkela  
CGPA : 7.89/10

2019-2020  
INTERMEDIATE  
Shanti Public School, Guna, M.P.  
Percentage: 88.6%

2017-2018  
MATRICULATION  
Shanti Public School, Guna, M.P.  
Percentage: 94.4%

## Links

LinkedIn:// [archanarajodiya](#)

Github:// [archanarajodiya](#)

Leetcode:// [ArchanaRajodiya](#)

## Skills

### GENERAL PROGRAMMING

C, C++, Python, Javascript.

### FRAMEWORKS AND DATABASES

MongoDB, ExpressJs, ReactJs, NodeJs, SQL, HTML5, CSS3, TailwindCSS.

### DEVELOPER TOOLS

Git, Github, VS code, MATLAB, jupyter notebook, MS Excel.

## Relevant Courses

Data Structures and Algorithms  
Object-Oriented Programming  
Web Development  
DataBase Management System

## Work Experience/Projects

### APRIL 2024 **Sudoku Solver** Github

- Developed and implemented a sophisticated backtracking algorithm for generating and solving 9x9 Sudoku puzzles.
- Technologies Used: HTML, CSS, JavaScript.

### JULY 2024 **Portify** Github

- Implemented a dynamic, responsive and user-friendly portfolio website to showcase projects and skills, ensuring compatibility across various devices and screen sizes.
- Technologies Used: ReactJs, TailwindCSS.

### AUGUST 2024 **TripHub** Github

- Constructed and developed a booking website using React.js, complete with search filters and booking interfaces, and a dynamic, responsive frontend.
- Built a scalable backend with Node.js and Express.js to handle hotel listings and bookings.
- Designed a robust MongoDB schema for efficient data management of users, places, and bookings.
- Technologies Used: MongoDB, ExpressJs, ReactJs, NodeJs.

### AUGUST 2024 **MarketMate** Github

- Conducted a detailed analysis of ACN stock performance over a 5-year period using Python and Excel. Calculated beta index to evaluate the stock's volatility relative to the market.
- Technologies Used: python, Excel.

## Achievements/Certifications

### JULY 2024 **Web Development Job Simulation** Forage

- Completed a job simulation involving website planning and creation by designing a sitemap and user flow using a diagram creation tool.
- Technologies Used: Figma, HTML, CSS, JavaScript.

## Extra Curricular Activities

### 2023-2024 **PR Head** Steellun

- Led a team of public relations in Steellun, a materials club of NITR, fostering robust engagement with professors and alumni; increased leadership and public speaking skills.