

# RITIK LAHARI

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## EDUCATION

| Year          | Degree/Certificate                        | Institute   | CGPA/%    |
|---------------|---|---|-----------|
| 2022- Present | B.Tech - Computer Science and Engineering | National Institute of Technology (NIT) Jamshedpur | 7.70/10.0 |
| 2020 - 2021   | Class XII - CBSE                          | Vishnu Bhagwan Public School and college          | 79.8%     |
| 2018 - 2019   | Class X - CBSE                            | Vishnu Bhagwan Public School and college          | 90%       |

## TECHNICAL SKILLS

**Programming Languages:** C | C++ | JavaScript | Python

**Web Technologies:** HTML | CSS | Node.js | Express.js | React.js | Next.js | tailwind CSS

**Library:** NumPy | Pandas | Socket.IO | OpenCV

**Databases:** MySQL | MongoDB

**Tools/Platforms:** Git | Github | Firebase | Docker | VS Code | Postman | Vercel | Netlify

**Computer Science Fundamental:** Data Structures and algorithms , Operating System , DBMS , Computer Networks

## EXPERIENCE

### Freelance Developer at Dharmagra | [website](#) remote

React.js, Node.js, Express, Supabase, TailwindCSS ,sql

- Developed and Deployed a full-stack web platform for Dharmagra Rehabilitation Center, an NGO focused on rehabilitation services

## PROJECTS

### File Management - Managing Files and Folders| [website](#) | [github](#)

Reactjs,React-Redux,Firebase

- \* Implemented CRUD operations for managing files and folders.
- \* Utilized Firebase Cloud Storage for users to store folders, files, and uploaded documents

### Image Encryption and Decryption | [github](#)

python, numpy, opencv(cv2)

- \* Secured sensitive image data through an advanced encryption mechanism
- \* Using Modified Playfair cipher algorithm ,using two different key matrix for encryption (matrix A and matrix B)

### Skill-match | [website](#) | [github](#)

React.js, Node.js, Express.js, Cloudinary, MongoDB, Vercel

- Job-provider dashboard for published the job and add new job title
- Support Authentication by allowing only the Candidate access the job and submit resume to there respective company

## ACHIEVEMENTS

- Smart India Hackathon (SIH) | Certificate
- 3rd position at Ojass Hackathon | [github](#)
- Submitted Conference paper on new image encryption technique| [link](#)

## POSITIONS OF RESPONSIBILITY

### Ojass Web Team and Event Management of NIT Jamshedpur | [github](#) SANKALP , NIT Jamshedpur

June 2023 – Present  
June 2023 – Present