

RITIK LAHARI

☎ +91 854587304 ✉ 2022ugcs123@nitjsr.ac.in 🔗 LinkedIn 🏠 Github

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
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