

# NANCY

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## EDUCATION

### B.Tech, Information Technology

Oriental Institute of Science and Technology, Bhopal

CGPA: 9.05

2020-2024

### AISSCE (XII), CBSE

Vidya Niketan, Maner, Bihar

Percentage: 63.4%

2020

### ICSE (X), CISCE

Don Bosco Academy, Patna, Bihar

Percentage: 74.2%

2017

## WORK EXPERIENCE

### Front-end Developer Intern, CRTD Technologies

2023

Growup: Tech Stack: HTML, CSS, Bootstrap, JavaScript

- Designed and programmed responsive user interfaces using HTML, CSS, Bootstrap, JavaScript to ensure seamless user experience by closely working with the team throughout the project.

### Trainee, Bharat Heavy Electricals Limited (BHEL)

2022

Employee Online Information System: Tech Stack: Node.js, MongoDB

- Developed a project report on the Employee Online Information System, while collaborating with teams.
- Gained practical experience in project management and enhance my understanding of technologies.

## PROJECTS

### TaleTravels

2022

Tech Stack: HTML, CSS, Bootstrap, Node.js, Express.js, MongoDB

- Developed a feature-rich **full-stack web application** for exploring and sharing travel destination information.
- The application offers two access levels. Implemented user **authentication** which provide verified users with **CRUD** functionality and non-verified users with view-only access.
- Integrated interactive mapping for users to visualize visited locations. Other functionalities include commenting and reviews over the post for enhanced engagement.
- Designed and implemented a MongoDB **database** for efficient storage and retrieval of user-entered details.

### Optical Character Recognition

Tech Stack: Python, OpenCV, Pytesseract

- Developed a Python based **OCR application** in which the code effectively extracts text from images, ensuring accurate character recognition for diverse applications.
- Incorporated advanced image processing techniques which ensures extraction of text from images in challenging conditions.
- Utilized **bounding box detection** and visualization methods to present the recognized text on the image, offering a user-friendly interface for easy verification and analysis of OCR results.

## TECHNICAL SKILLS

- Languages:** Proficient in C/C++ , Familiar with Python, Data Structures & Algorithms in C++
- Web Development:** HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, MongoDB, MySQL
- CS Fundamentals:** Operating System, Computer Network, Object-oriented programming, Database Management System, Software Design

## KEY ACCOMPLISHMENTS

- Certification for College Academics (**Rank 1**)
- 5\* in C++ at HackerRank
- 5\* in C at HackerRank
- Solved 200+ problems on coding platforms

## CERTIFICATIONS

- The Complete Web Development Bootcamp
- Python for everybody Specialization from Coursera
- Programming in C++ from Coding Ninjas
- Introduction to Structured Query Language from Coursera
- Data Structure in C++ from Coding Ninjas

## EXTRA-CURRICULAR ACTIVITIES

- Sports:** Achieved first prize in singles categories at school-level badminton competition, advancing to district-level tournament.
- Event Host:** Organized cultural events, promoting cultural awareness & fostering a lively, inclusive community atmosphere.