NANCY

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EDUCATION

B.Tech, Information Technology	**CGPA: 9.05**
Oriental Institute of Science and Technology, Bhopal	2020-2024
AISSCE (XII), CBSE	**Percentage:63.4%**
Vidya Niketan, Maner, Bihar	2020
ICSE (X), CISCE	**Percentage:74.2%**
Don Bosco Academy, Patna, Bihar	2017

WORK EXPERIENCE

Frontend Developer Intern, CRTD Technologies　　　　　　　　　　　　　　　　　　**2023**
Growupp: Tech Stack: HTML, CSS, Bootstrap, JavaScript

- Led a team of 4 members to develop a responsive user interface for the live project "Growupp" referring **Figma** Design.

Software Developer Intern, Primathon　　　　　　　　　　　　　　　　　　　　　　**2023**

- Trained in API development, proficient in SQL and NoSQL databases, experienced with JavaScript.

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 the team.
- Gained practical experience in project management and enchanced 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 acess 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 funtionalities 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　　　　　　　　　　　　　　　　　　　　　　　　　　**2023**
Tech Stack: **Python, OpenCV, Pytesserect**

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

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.