NITESH KUMAR

Master of Computer Applications
Gender: Male
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Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2023	MCA	NIT, Trichy	7.26
2018	BCA	Maharani Janki Kunvar College Bettiah Bihar	73.62%
2015	Class XII	Maharani Janki Kunvar College Bettiah Bihar	71.80%
2013	Class X	Hargun High School Sarisawa	70.80%

Academic Achievements

- Selected in DU 2020 MCA Entrance Examination.
- Selected in JNU 2020 MCA Entrance Examination.
- Selected in BHU 2020 MCA Entrance Examination.
- Secured Second position in Match the Tag in Inovac'21- the inter-Department cultural fest organized by Parallel Computing Club.

Internship Experience

- **Summer Internship at Exposys Data Labs**   April 2023
- **E-learning web Application (HTML, CSS, JS, PHP, MySQL)**
  - Developed an E-learning web application where students can sign up and log into the system,
  - Students can enroll, view different-different courses and attend all the lectures added by the tutors.
  - Tutors can add, delete and update many courses and all database connectivity is using PHP and MySQL.

Projects

- **Comatose Detection System (Machine Learning, OpenCV)**   Feb 2022
  - A detection system where we can identify a person is in a drowsy mode during a car.
  - This project includes direct working with the **68 facial landmark detector** and also the face detector of the **Dlib library**.
  - Designed to build up a framework for driver tiredness identification to keep mishaps from happening because of driver weakness and languor.

- **Desktop Virtual Assistant (Python & Library)**   April 2022
  - ➢ Created Desktop Application based on **Artificial Intelligence** in Python, with the help of its module and library (Speech Recognition, pyttsx3, Beautiful Soup, and many more).
  - ➢ It can send text messages on your behalf, can play music, can open all IDE, can switch off or restart our system, etc.
  - ➢ It is capable of opening websites like Google, YouTube, Brave, etc. in a browser, and can search anything for you without typing a single word with the help of single command.

- **Number Plate Detection (Python, OpenCV, TensorFlow, YOLOV5 Algorithm)**   May 2023
  - ➢ Developed a real-time deep-learning model for license plate detection using YOLOv5.
  - ➢ Achieved 95% accuracy on a custom dataset of license plate images with other algorithms OpenCV, YOLOV5.
  - ➢ Integrated the model into a larger system for automatic toll collection, traffic monitoring, or other applications

Areas of Interest

- Data Structures and Algorithm
- Database Management System
- Machine Learning
- Java Full Stack Developer
- Object Oriented Programming Concepts
- Operating System

Technical Skills and Certifications

- Programming Languages   :C, C++, Python,Java
- Web Technologies   :HTML, CSS, JavaScript, PHP
- Database   : MySQL
- Certifications   : DSA(Offered by Mysirg Online)

Positions of Responsibility

- **PUBLIC RELATION COMMITTEE MEMBER IN VERSION 21**
  Worked as a Member of the Public Relations Committee in Version 21, as a face and voice of the institute
- **Member, ACM Student Chapter, Nit Trichy**

Extracurricular Activities

Social Activities:
- Taught uneducated and poor children as a **Volunteer** at my Block**.**
- District Volunteer in Covid-19 Pandemic.

Cultural Activities:
- Secured First Position in **District Level Singing Competition** Organized by M.J.K College Bettiah.