

NISHANT KUMAR

Banka, Bihar

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EDUCATION

VIT Bhopal University

Electronics and Communication(Artificial Intelligence and Cybernetics) - 8.7

09 2022 – 05 2026

Bhopal, Madhya Pradesh

KM Academy(12th)

Percentage - 78.6%

06 2019 – 07 2021

Munger, Bihar

St. Joseph's School(10th)

Percentage - 94%

03 2009 – 05 2019

Banka, Bihar

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Programming in Java
- Web Development
- Organizational
- Operating Systems
- Artificial Intelligence
- Android Development
- OOPS Concept
- Verbal Communication

PROJECTS

Library Management System | HTML, CSS, JavaScript, and Bootstrap,Node Js

01 2024

- Designed and Implemented a robust database schema using MySQL to efficiently manage book inventory, member information, and transaction records..
- Engineered a responsive and intuitive user interface using HTML, CSS, JavaScript, and Bootstrap, enhancing user engagement by 30%.
- Developed robust back-end services with Java, incorporating RESTful APIs to manage CRUD operations and secure transactions, reducing data handling errors by 25% and improving system reliability by 40%.

Hand Gesture Recognition System | Open CV,Mediapipe,Deep learning

04 2024

- Designed and Implemented the system architecture using Python and OpenCV for real-time image processing and gesture recognition.
- Enhanced a deep learning model using TensorFlow/Keras to accurately classify hand gestures, achieving high accuracy through extensive training on a large dataset.

Chat bot | Machine Learning,Botpress

06 2024

- Designed and Expanded the chatbot using Natural Language Processing (NLP) techniques to understand and respond to user queries
- Utilized machine learning models, including intent recognition and entity extraction, to accurately interpret user input and provide relevant responses

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, SQL,XML

Developer Tools: VS Code, Android Studio, IntelliJ Idea Ultimate

Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NextJS, NodeJS, ExpressJS, Git, MongoDB

EXTRACURRICULAR

Data Science Club

07 2023 – 04 2024

Role

- Organized and conducted monthly meetings for Data Science initiative
- Performed 12 meetings with around 50 participants in each and created awareness of Data Science. 3 Boot camps conducted and 4 major projects created

Chess

07 2018 – 10 2018

Role

- Secured Silver medal in zonal level and Participated in regional level

CERTIFICATIONS

- Cloud computing
- Advanced Java
- Command Line in Linux - Coursera
- Python for Data Science - XIE
- Fundamentals in AIML
- MongoDB Basics
- NodeJS - Udemy