



**Nisha Rani**

Roll No.: 2001120

B.Tech

Mechanical Engineering

National Institute Of Technology,  
Patna

+91-6202484796

geniusnisha17@gmail.com

nishar.ug20.me@nitp.ac.in

https://github.com/geniusnisha

https://www.linkedin.com/in/nisha-rani-b46ba5219

## EDUCATION

- National Institute of Technology, Patna** 2020-2024  
B.Tech [Mechanical Engineering] CGPA: 7.95
- S.N.S. College, Hajipur, Vaishali (Intermediate)** 2018  
Bihar Board, Bihar Percentage: 62.4
- Ishan International Public School, Patna** 2016  
CBSE Board, Bihar CGPA: 7.4

## EXPERIENCE

- Summer Training at NTPC** 1 June 2023 - 28 June 2023  
Coal-Fired Thermal Power Generation Muzaffarpur(Bihar)
  - Hands-on experience with the operation and maintenance of power plant equipment. Field visits to observe the actual functioning of the power plant. Emphasis on safety procedures and protocols to ensure a secure working environment.
  - Contributed to the preparation of technical reports and documentation related to equipment maintenance and performance.

## PERSONAL PROJECTS

- Diabetes Prediction** June 2023  
This project focuses on using machine learning algorithms to predict the diabetes disease
  - Tools and technologies used: Python, VS Code Editor, Streamlit web app, Machine learning algorithms .
  - Streamlit application appears to be a diabetes checkup tool that takes user input for various health parameters and uses a Random Forest Classifier to predict whether the user is diabetic or not.
- Add Notes Website** Feb 2022  
Beautiful UI/Single Page Website
  - Use Pure JavaScript, Tools and technologies used: HTML/ CSS/JavaScript, Deploy in GitHub.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Python, JavaScript, HTML, CSS

**Libraries:** NumPy, Pandas, Matplotlib

**Developer Tools:** GitHub, Jupyter Notebook, Visual Studio Code , Google Colab

**Microsoft office:** Microsoft Word, Microsoft Excel, Power BI, Microsoft PowerPoint

**Databases:** MySQL

**Software:** CATIA, ANSYS

## POSITIONS OF RESPONSIBILITY

- Member @ML Team, Google Developer Student Club NIT Patna** November 2022
- Campus Ambassador, Coding Ninjas** May 2023

## CERTIFICATES

- The Joy of Computing Using Python, NPTEL (IIT MADRAS)** July 2022 - Nov 2022  
Scored 85% with silver + elite medal.
- An Introduction to Programming through C++, NPTEL (IIT BOMBAY)** Jan 2022 - Apr 2022  
Scored 72% with elite medal.
- Database Management System(DBMS), CODING NINJAS** Jan 2022 - Apr 2023  
Certificate of Excellence.

## ACHIEVEMENTS

- Aero Sapiens NIT Patna Participated Radio Controlled Airplane Workshop** 2-4 April 2022
- GeeksforGeeks Rank 952** October 2023
- Python and ML By Microsoft Learn Student Ambassadors Machine Learning Certified** August 2022
- Participate CodeKaze from CODING NINJAS cleared Round 2 with AIR 9178** June 2023