NISHANK BAJPAI

nishankbajpai45@gmail.com | +91 8423301622 | https://www.linkedin.com/in/nishank-bajpai-5b214b25b// | https://github.com/Nishank011 |

SKILLS

Interests: Artificial Intelligence , Machine Learning , Deep Learning , Data Analysis

Technical: Python ,Java , MySQL, Machine Learning, Deep Learning, Selenium Automation, API Automation

Certifications: Amazon Web Services Cloud Practitioner, Microsoft Power Platform App Maker Associate , Applied Machine Learning with Python , Google IT Support Professional certification

EDUCATION

Vellore Institute of Technology, *Bhopal,India*   ***August* 2021 - *August* 2025**
Bachelor of Technology in Computer Science   *CGPA: 8.62/10*
and Engineering with specialization in AI & ML

Wendy Academy High School , *Kanpur, U.P. , India*   ***May* 2018 - *May* 2019**
Higher Secondary Certificate.   *Percentage: 81%*

Wendy Academy High School ,*Kanpur, U.P. , India*   ***May* 2016 - *May* 2017**
Higher Certificate.   *Percentage: 80.2%*

ACHIEVEMENTS and CO-CURRICULAR

- LeetCode - Global rank - 828,106 , 100+ Problems Solved .
- HackerRank - 5 stars in Python , SQL
- AIR - 200 in National Science Olympiad (2015)
- Represented school Basketball team at zonal level (U-17 & U19)
- Represented Basketball team at State Level

RESPONSIBILITIES

- Captain Basketball team (Zonal Level)
- Active NSS Volunteer
- Core member in Sports Club.
- Core member of IEEE club
- Member IOT club

INTERNSHIP

Quality Engineering with Selenium Automation | Cognizant Technology Solutions Corporation   15 April 2025 - 22 July 2025
- To develop and implement an automated testing framework using Selenium WebDriver, integrated with TestNG/JUnit, to ensure the quality and stability of web-based applications through automated regression and functional testing.
- The project's name was Automation Testing Framework for Web Application – Design, Execution, and Reporting.
- The key components include test case design and implementation ,test execution and defect detection ,CI/CD Integration.

Data Analyst | Postulate Info. Tech. PVT. LTD.   **January 2024 - February 2024**
- Assignment to analysis of the amount and sources of carbon dioxide (CO_2) that are released into the atmosphere due to human activities.
- The project's name was CO2 emission, prediction, and analysis.
- The key components include model evaluation, data visualization, model building.

ACADEMIC PROJECTS

Proctox | Web Development and Deep Learning   **January 2024 - April 2024**

- Pioneered a comprehensive online exam proctoring app employing real-time video monitoring, communication, and AI-based behaviour analysis to safeguard remote exams.
- Significantly reduced incidents of cheating by an impressive 80%, surpassing traditional methods.
- Achieved a robust system employing Flask and WebSockets for real-time communication, ensuring seamless interaction between exam proctors and students.

Agricare - A one stop solution to all agricultural Problems | **Web Development and Machine Learning| December 2023 - April 2024**

- Crafted a comprehensive web application for Indian farmers, encompassing crop recommendation, disease detection, price prediction, and fertilizer suggestion functionalities.
- Achieved a remarkable 96% accuracy rate for crop prediction and implemented advanced algorithms to forecast crop prices for the upcoming year based on demand and availability.
- Leveraged a technology stack comprising HTML, CSS, JavaScript, Flask, and Machine Learning to deliver actionable insights to Indian farmers.