

NISHANK BAJPAI

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SKILLS

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

Technical: Python ,Java , MySQL, Machine Learning, Deep Learning, Selenium Automation,Software Testing

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
*Bachelor of Technology in Computer Science
and Engineering with specialization in AI & ML*

September 2021 - June 2025
CGPA: 8.54/10*

Wendy Academy High School , Kanpur, U.P. , India
Higher Secondary Certificate.

June 2018 - May 2019
Percentage: 81%

Wendy Academy High School ,Kanpur, U.P. , India
Higher Certificate.

June 2016 - May 2017
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

Data Analyst | Postulate Info. Tech. PVT. LTD.

January 2024 - February 2024

- Assignment to analysis of the amount and sources of carbon dioxide (CO2) 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.

Quality Engineering with Selenium Automation | Cognizant Technology Solutions

15 April 2025 - ongoing

- 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.

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 behavior 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.