

NISHANT KUMAR

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[LinkedIn](#) • [GitHub](#) • [HackerRank](#) • [LeetCode](#) • [CodeChef](#)

EDUCATION

B.Tech, Computer Science Engineering Dr. A. P. J. Abdul Kalam Technical University ABES Engineering College, Ghaziabad	Nov 2021 – July 2025
High School, CBSE Dehradun Public School	Apr 2020 – May 2021

TECHNICAL PROJECTS

- 🔗 [Flower Classification Model](#) • Image Processing, Tensorflow, Matplotlib
 - Developed a Flower Classification Model employing image processing techniques alongside Convolutional Neural Networks (CNN) and machine learning algorithms for precise flower type identification from images.
 - VGG16 attained the highest training accuracy of approximately 98.76% in the study and demonstrated superior validation accuracy at 81.04%, followed by GoogLeNet at 75.12%.
 - Contributed in a research paper working on Flower Classification Model. - [link](#)
- 🔗 [Facial Emotion Recognition](#) • CV2, ML, PyQt5
 - Created a Facial Emotion Recognition project employing OpenCV for image processing, machine learning techniques for emotion classification, and a graphical user interface (GUI) for user interaction.
 - Analyzes real-time facial expressions to identify emotions including happiness, sadness, and anger.
 - Achieved a validation accuracy of 55.54% and training accuracy of 58.24% using a dataset encompassing various expressions like surprise, fear, angry, neutral, sad, disgust, and happy.
- 🔗 [Agniveda - Your Personalized Ayurvedic Guide](#) • Flask, OpenAI, ML, JavaScript
 - Developed "Agniveda," an AI-driven Ayurveda website offering holistic health solutions.
 - Created software recommending Ayurvedic drugs and formulations from classical texts, addressing modern healthcare challenges. Leveraged advanced technology to integrate ancient Ayurvedic knowledge with contemporary healthcare demands.
- 🔗 [Hackerrank Profile Automation](#) • Web Scraping, PyQt5, Pandas
 - Automated retrieval of performance data from students' Hackerrank profiles using web scraping techniques.
 - Analyzed data to generate detailed reports on individual students' coding performance.
 - Facilitates informed decision-making by organizations regarding students' coding progress and proficiency.

TECHNICAL SKILLS

- Languages:** C/C++, Java, Python.
- Web Development:** HTML, CSS, JavaScript, Bootstrap
- Platform/IDE:** Jupyter Notebook, PyCharm, CodeBlocks, IntelliJ, VS Code
- Python Libraries & Frameworks:** Pandas, NumPy, Sci-Kit learn, Flask, Django, CV2, Matplotlib, PyQt5
- Data Analysis Tools:** Python, SQL, MATLAB
- Visualization Tools:** Tableau, Power BI
- Machine Learning Framework:** Scikit-learn, SciPy, Tensorflow, PyTorch
- Data Analysis Techniques:** Data Visualization, Data Mining, Data Warehousing
- Databases:** MySQL, Mongo DB.
- Version Control:** Git , GitHub

PROFESSIONAL EXPERIENCE

Python Developer Intern • Code Clause	Apr 2023 – May 2023
<ul style="list-style-type: none">Demonstrated responsibility, willingness to learn and strong coordination skills throughout the internship.Received commendation for excellent performance, effective communication, and timely project submissions.Collaborated with cross-functional teams to gain a holistic project perspective.Implemented Python projects including a Music application, Typing speed tester, and Mail application.	

CERTIFICATIONS

- Microsoft Azure AI Fundamentals – **Microsoft**
- Python Programming - **Kaggle**
- Python for data science – **CodeMode**
- Essentials for Cloud Computing – **Infosys**
- Python for Machine Learning - **Great Learning**
- The Complete Python Pro Bootcamp 2023 - **Udemy**
- Python Essentials - **Cisco**
- Introduction to SQL – **Simplilearn**
- Java Programing – **Great Learning**