Vinay Badnoriya

Gurugram, Haryana | vvinaybadnoriya@gmail.com | +91 9617271725 , +919630370764

www.linkedin.com/in/viinay-badnoriiya | https://github.com/Vinay1727

▪ SUMMARY

Computer Science undergraduate with a specialization in Artificial Intelligence & Machine Learning, possessing hands-on experience in designing intelligent systems, building machine learning models, and automation real-world tasks, Proficient in Python, SQL, and R with a track record of delivering high-impact, user-friendly solution.

▪ TECHNICAL SKILLS

Programming: Python, R, SQL

Data Analysis & ML: Pandas, NumPy, Scikit-learn, TensorFlow (basic), Seaborn, Matplotlib
Tools & Platforms: Jupyter Notebook, RStudio, VS Code, Google Colab, Power BI, MS Excel
Other: Git, GitHub, Flask (deployment), APIs (basic), Agile basics

▪ PROJECTS

Smart AI Desktop Assistant | GitHub
- Created a smart, voice-controlled assistant using Python and SpeechRecognition to perform over 10 desktop automation tasks, reducing user effort by 70%.
- Designed a secure JSON-based login system and implemented voice-trigger wakeup using OOP principles.
- Integrated command modules for opening apps, sending WhatsApp messages, and playing media files.

Cat & Dog Image Classification (CNN) | GitHub
- Designed and trained a CNN using Keras on 25,000+ labeled images; achieved 87% validation accuracy.
- Employed real-time data augmentation and dropout to reduce overfitting by 40%.
- Enabled real-time prediction with a single-image interface for user-friendly interaction.

Fake News Detection (NLP) | GitHub
- Preprocessed 12,000+ samples with tokenization, stop word removal, and case normalization.
- Achieved 81% accuracy on test data; optimized results using cross-validation and F1-score analysis.
- Created a user-friendly web interface to allow real-time predictions based on user input.

▪ EDUCATION

B.Tech in Computer Science – Artificial Intelligence & Machine Learning   📅 2022 – 2026
K.R. Mangalam University, Gurugram | C.G.P.A: 7.05

▪ CERTIFICATIONS

Python 101 for Data Science – IBM, Statistics Using Python – Samatrix, Data Analysis with Python – IBM, Data Visualization with Python – IBM, Big Data Engineer – IBM

▪ ADDITIONAL INFORMATION

- Automated end-to-end tasks using AI-powered desktop assistants, contributing to real-time system efficiency.
- Regular contributor to open-source projects on GitHub, with focus on deep learning, NLP, and automation tools.
- Participated in hackathons and university-level competitions, demonstrating real-time ML applications.

▪ EXPERIENCE

Data Science & Analytics Intern – Zidio Development   May 2025 – Aug 2025
Worked on data collection, cleaning, and exploratory data analysis (EDA) to generate actionable insights and assisted in building predictive ML models for business decision-making.