

Bhubandeep Singh

M.C.A
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[GitHub](#) / [Portfolio](#)
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EDUCATION

M.C.A, Panjab University	C.G.P.A-7.40	2024-2026
B.C.A, Himachal Pradesh University	C.G.P.A - 8.30	2021 - 2024
Senior Secondary, HP Board	Percentage - 81%	2021
Secondary, HP Board	Percentage – 86.7%	2019

EXPERIENCE


- Machine Learning Intern - iNeuron.ai

01/2025 – 02/2025

 - Explored a large-scale dataset of 80,467 samples (50,000 training, 30,467 testing) using Python and Pandas; uncovered significant correlations among key features, leading to data-driven recommendations for model optimization.
 - Achieved 97% model accuracy through effective data preprocessing, feature engineering, and model construction using scikit-learn.
 - Leveraged classification algorithms to uncover complex data patterns, delivering actionable insights with 98% precision, recall, and F1-score
 - Tech Stack:** Python, Flask, HTML, CSS, Machine Learning Algorithms, Python Libraries, Astra DB.

PROJECTS

- CatchaPhish ([GitHub](#))

[Live Link](#) 

 - Developed and deployed a phishing detection system with 97% accuracy, enabling real-time threat analysis and an intelligent ML-driven defence mechanism to enhance user security.
 - Built the backend with Python, Flask, and Scikit-Learn for efficient model inference and API integration.
 - Leveraged Astra DB for scalable data storage and retrieval, supporting real-time predictions & user interactions.
 - Tools: HTML, CSS, Python, JavaScript, Scikit-Learn, Astra DB.
- Movie Recommendation System ([GitHub](#))

 - Developed a movie recommendation system using a dataset of over 47,000 movies, enhancing user engagement through content-based filtering.
 - Applied **CountVectorizer** to extract key features from genres, directors, and plot summaries, improving recommendation accuracy.
 - Delivered personalized top-5 movie suggestions via an interactive Flask-based web app, achieving over **92% user satisfaction** in testing and a **response time under 1 second** per recommendation.
 - Tools & Technologies: **Python, Flask, Scikit-learn, HTML, CSS, JavaScript.**

TECHNICAL SKILLS

- Programming:** Python, C/C++, HTML, CSS, JavaScript, Java
- Frameworks/Libraries:** Scikit-Learn, TensorFlow, Keras, Hugging Face, Langchain, NumPy, Pandas, Matplotlib, Seaborn, Flask, OpenCV
- Database:** MySQL, PostgreSQL
- Tools:** Git/GitHub, Microsoft Excel, VS Code, Jupyter Notebook, Google Colab, PyCharm, Kaggle Notebooks

ACHIEVEMENTS

- All India Rank (AIR) 100 in **PUCET PG** for M.C.A.2024
- Accepted in **HCL Techbee Program**, was selected from a pool of around 5,000 students.2022
- College Rank** 3rd in BCA Department in Govt. P.G. College Dharamshala in the first year.2021

LEADERSHIP & INITITIATIVES

- Participated in brainstorming sessions to identify pressing issues in healthcare, environment and education.
- Led academic support and student engagement initiatives for 100+ peers, improving course participation by 20%.
- Conceptualized and executed orientation events for incoming students, fostering a welcoming atmosphere measured by a 30% increase in student club participation during the first sem.

