

PRIYANSHU GUPTA

Jalandhar Punjab

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Profile

Highly motivated Machine Learning Engineer proficient in Python and possessing a strong understanding of architectural design patterns. Developed a CNN-based medical image analysis application (MedVision) achieving 90%+ accuracy in tumor detection, demonstrating expertise in solution development and delivery. Proficient in Python, familiar with Service Oriented Architecture and SDLC methodologies, and driven to deliver efficient and scalable solutions.

Education

B.tech

Jun 2022 – June 2026

DAVIET, Jalandhar Punjab

8.2

Technical Skills

Languages: Python, C++, C, Java

Frameworks: Tkinter, XML, Streamlit

Tools: VScode, Jupyter Notebook, Git

Projects

Medvision [↗](#) | *CNN, Tensorflow, Numpy, Pandas*

Aug 2024

Developed a brain tumor prediction model using CNNs, TensorFlow, Keras, NumPy, and Pandas, achieving 90%+ accuracy. This involved designing and implementing a neural network architecture for accurate image classification. The resulting model provided a significant improvement in the speed and accuracy of tumor detection.

Emporium [↗](#) | *Python, Tkinter, Mysql*

07 2024

Developed an employee management system ("Emporium") using Python, Tkinter, and MySQL, enabling administrators to assign projects and tasks to employees. The system facilitates streamlined task management through a user-friendly interface, improving team organization and project tracking. This application provided a centralized platform for task assignment and employee oversight.

CERTIFICATIONS

- Machine learning using python - Coursera
- Android Development using Kotlin - Udemy