



KRISH VIJ

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[GitHub](#) — [LinkedIn](#) — [LeetCode](#)

EDUCATION

G.L. Bajaj Institute Of Technology And Management

2022 – 2026

Artificial Intelligence And Data Science

CGPA: 7.78

Bal Bharati Public School, Pusa Road, New Delhi

2022

Class XII

Percentage: 73.20%

Bal Bharati Public School, Pusa Road, New Delhi

2020

Class X

Percentage: 89.20%

SKILLS

Programming Languages: GO, C, C++, Emacs-lisp, Python, Java

Libraries / Frameworks: Ebitengine, EbitenUI

Tools / Platforms: Git, VS Code, Emacs, NeoVim

PROJECTS / OPEN-SOURCE

Brain-Tumor-Detection-And-Segmentation — Python

Link: [GitHub](#)

- A GUI based brain tumor detection system that classifies MRI scans as tumor or non-tumor and identifies tumor type using a VGG16-based deep learning model.
- Implemented data preprocessing, augmentation, and feature extraction (contrast, entropy, variance) to improve classification accuracy.
- Integrated segmentation and visualization tools to highlight tumor regions and display diagnostic features.
- Built an interactive Tkinter interface with image loading, processing, prediction, and informational pop-ups.

Clip2ASCII — Go

Link: [GitHub](#)

- A full GUI application written in pure Go that converts short videos to ASCII.
- Uses custom logic for converting frames to ASCII and employs goroutines for concurrency.
- Uses EbitenUI for frontend with interactive buttons, progress bars, and file dialog triggers.
- Leverages mathematical techniques like lanczos3 resizing and gamma correction for better color representation.
- Planned: Package as a cross-platform executable without external dependencies for Windows and Linux.

CERTIFICATIONS

Cisco CCNA Certificate - Cisco

Cisco Python Essentials - Cisco

Cisco Introduction To Cybersecurity - Cisco