Zeeshan Altaf Darzi

Computer Science & Engineering Student - AI / ML / Computer Vision

Kashmir, India | zeeshanaltaf5555@gmail.com | github.com/ZeeshanAltaf1 | linkedin.com/in/zeeshan-altaf-70887b31b

Profile

A Computer Science & Engineering student at the University of Kashmir exploring how code, data and artificial intelligence become useful solutions for real-world problems. Current focus: Python, machine learning, deep learning and computer vision - learning fundamentals, building practical projects, and improving relentlessly.

Education

B.Tech, Computer Science & Engineering — **University of Kashmir**

Class XII — Senior Secondary — **86.2%**

Building a foundation in computing, programming and software concepts.

Technical Skills

- **Programming & Core:** Python (syntax, functions, data handling)
- **Machine Learning:** scikit-learn, exploratory data analysis, model training & evaluation
- **Deep Learning:** neural networks, CNNs, TensorFlow, Keras, EfficientNet & DenseNet exploration
- **Computer Vision:** OpenCV, face detection / recognition, image processing & analysis
- **Development:** Flask, Streamlit, REST APIs, database concepts
- **Tools & Workflow:** VS Code, Jupyter, Git, GitHub

Selected Projects

Multi-Disease Chest X-ray Analysis

AI / Deep Learning

Exploration of AI-assisted chest X-ray analysis using the NIH ChestX-ray14 dataset: image data preparation, disease-label exploration, and experiments with deep-learning architectures for multi-label classification. *[Python, TensorFlow/Keras, EfficientNet, DenseNet]*

Face Recognition System

Computer Vision

Python and OpenCV system for face detection and recognition using a custom dataset with webcam interaction, including scripts for data handling, training and recognition (LBPH). *[Python, OpenCV, LBPH]*

Lawmitra AI

AI Application Concept

AI-powered legal information assistant concept focused on making legal information easier to explore and understand at the intersection of technology and public access to information. *[AI, LLM concept, product thinking]*

University Management System

Software

Software project centred on organising university information and management workflows, reflecting an interest in building structured applications for everyday needs. *[Python, database concepts]*

Human Brain Tumor Detection

Medical Imaging / Deep Learning - in progress

Ongoing project exploring deep-learning based detection of brain tumors from MRI scans. Under development; no public repository yet. *[Python, Deep Learning, MRI]*

Achievements & Certifications

- Synertech 2026 Hackathon - 2nd Runner-Up
- Certificate of Participation - NIELET AI Drone Workshop
- Introduction to Generative AI Studio - Google
- Certificate of Participation - Cybersecurity, Tech Mahindra Foundation
- Machine Learning Using Python - Simplilearn (01 Feb 2026)

Working Approach

Curiosity first - ask why something works, not just how to copy it. Build on strong fundamentals before chasing complex tools, turn ideas into testable projects, and treat feedback as part of the engineering process.