# Ekdeep Singh Gill

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## Education

**Guru Nanak Dev Engineering College**, Ludhiana, Punjab

*Bachelor of Technology in Information Technology*                    **July 2022 – July 2026**

*CGPA – 7.5*

## Relevant Coursework

- Data Structures
- Web Development
- Machine Learning
- Algorithm Analysis
- Python Programming
- DBMS
- Operating System
- Software Testing
- DevOps
- Project Management

## Projects

**NewsShield – Fake News Detection Web App** – *Flask, Tailwind CSS, Python, Scikit-Learn*

- Developed a web app that detects fake news using a machine learning classifier.
- Designed a clean, user-friendly UI for input and results display.
- Achieved 90%+ accuracy on test datasets.

**KhetAI – AI-Based Crop Disease Detection Platform** – *React, FastAPI, MongoDB, Tailwind CSS, Kindwise API*

- Built a full-stack web app that detects crop diseases from images using AI.
- Integrated Kindwise API for real-time diagnosis and advisory across 20+ Indian crops.
- Implemented JWT-based user authentication and a dashboard to track disease history.

**Nutrient Counter** – *HTML, Tailwind CSS, Flask*

- Designed a responsive food tracking app to calculate macro-nutrients.
- Created a visually clean interface using Tailwind CSS.

## Technical Skills

- **Languages:** HTML, CSS, JavaScript, Python
- **Frameworks & Libraries:** Flask, React.js, Node.js, Tailwind CSS, TensorFlow, PyTorch, Scikit-Learn
- **Tools:** Git, GitHub, MongoDB
- **Design & UI/UX:** Figma, Responsive Web Design
- **Other:** Machine Learning, REST APIs

## Certifications

- **Python Foundation Certification** – Infosys Springboard
- **Angular and React Web Developer Certification** – Infosys Springboard
- **Artificial Intelligence Certification** – Infosys Springboard
- **Agentic AI With Python** – Auribises Technologies