

# Kruthika R Gowdar

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## Objective

Enthusiastic Computer Science student with a passion for AI/ML and Cybersecurity. Seeking a challenging internship to apply my skills in machine learning, Python, and deep learning models, and to gain hands-on experience in a dynamic tech environment.

## Education

B.E. (Computer Science & Engineering) | G M Institute of Technology, Davangere | VTU | Jul 2026

- CGPA: 8.00/10

Class 12 / PU (Science) | GM Hallamma PU College, Davangere | Karnataka PU Board | Aug 2021

- Percentage: 80%

Class 10 / SSLC | Sri Someshwar Vidyalaya, Davangere | KSEEB | Jul 2020

- Percentage: 90%

## Projects

1. ONCO AI: Deep Learning-Powered Breast Cancer Detection and Prediction

- Developed a ViT-based model deployed via Flask to detect and classify breast cancer images with improved accuracy and generalization over CNNs.

- Tackled data scarcity and feature limitations by leveraging global attention mechanisms.

2. Student Placement Predictor Web App

- Built using logistic regression and SHAP for explainability, deployed via Streamlit.

- Includes animated and CSS-enhanced UI, background effects, and user input processing.

3. Network Intrusion Detection using Machine Learning

- Implemented supervised ML algorithms to detect network intrusions from dataset logs.

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- Built model pipeline, preprocessing, evaluation metrics, and prediction interface.

## Technical Skills

Python, Java (basic), Flask, Streamlit, Pandas, NumPy, scikit-learn, SHAP, ViT, Git, CSS, HTML, Lottie, matplotlib

## Internship

AI Tools in Medical Field | Research Intern, Medical College

- Gained hands-on experience with AI tools used in diagnostics and patient management.
- Explored applications of machine learning in medical imaging and healthcare records.