

Pratheek K Gowda

Computer Science Student

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Professional Summary

Enthusiastic and detail-oriented Computer Science student with a strong foundation in programming, data structures, and problem-solving. Experienced in building real-world projects using modern technologies, including machine learning, full-stack web development, and cloud platforms. Recognized for adaptability, quick learning, and the ability to deliver high-quality work both independently and in collaborative team settings.

Technical Skills

- C (with DSA)
 - C++
 - Python
 - Java
 - HTML, CSS, JavaScript
 - MySQL, MongoDB
 - Machine Learning
 - AWS (Basics)
 - Azure (Basics)
 - Advanced Calculus
 - Computer Networks
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Project Experience

Abnormal Brain Tumor Classification Using ResNet50

2024 – 2025

- Designed and implemented a deep learning model using ResNet50 to classify brain tumors from MRI images.
- Preprocessed datasets with OpenCV and NumPy for noise removal, normalization, and augmentation.
- Achieved **95.73%** accuracy; evaluated with confusion matrix, precision, recall, and F1-score.
- Applied transfer learning and hyperparameter tuning to optimize performance.

Restaurant Management System

2023 – 2024

- Developed a MySQL-backed web application to manage orders, billing, and menu updates.
- Created a responsive UI using HTML, CSS, and JavaScript to improve user experience.
- Reduced manual billing errors by 80% and increased order processing speed by 50%.

Agri Web Application

2024 – 2025

- Enables direct farmer-to-consumer sales for fair pricing and fresher produce.
 - Provides an easy-to-use platform for farmers to list products and consumers to place orders.
 - Promotes transparency, trust, and sustainable agriculture practices.
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Education

B.E. in Computer Science, AIT, VTU

Expected 2026

CGPA: 8.88 — 100/100 in Mathematics (2nd Sem)

Pre University, Times PU College , Pre -University Education

2022

Score: 87% — 100/100 in Mathematics

Secondary School, Guideline English Medium High School , KSEEB

2020

Score: 87.2%

Certifications

- IEEE Conference Volunteer
- Mathematics Excellence (B.E. 2nd Sem)
- Machine Learning – NPTEL
- Programming in Java – NPTEL