# MEGHA ASHOK RABAGANNAVAR

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## Profile

A dedicated and results-driven Computer Science student with strong problem-solving abilities and practical experience in ML, Deep Learning, and ML Ops. Solved 800+ problems on Leet Code and possesses practical experience in end-to-end project deployment. Driven to apply my skills to drive impactful results while continuously advancing my technical capabilities.

## Education

- **JSS Science and Technology University, Mysuru, India** 2022 –2026
  Bachelor of Engineering in Computer Science; CGPA: 9.17
- **Government PU College, Laxmeshwar India** 2020 –2022
  PCMB Percentage: 94
- **Government High School Harlapur, India** 2019 –2020
  Percentage: 92

## Technical Skills

- **Languages:** Python, Java, C, JavaScript (Beginner), HTML, CSS, Flask
- **ML/DL:** Supervised & Unsupervised Learning, CNN, RNN, ANN, Generative AI (Learning)
- **Tools & Platforms:** Docker, GitHub, ML Flow, CI/CD, Power BI
- **Frameworks/Libraries:** Scikit-learn, Pandas, NumPy, OpenCV, TensorFlow.
- **Problem Solving:** Logical Reasoning, Data Structures and Algorithms (DSA) in Java, OS, Computer Networks, OOPS, DBMS(SQL).

## Projects

- **Agri Smart** **CNN, ML, CI/CD, Flask, Scikit-learn**
  Developed a smart agriculture web platform offering AI-driven disease detection, soil fertility analysis using pH and soil content, and intelligent crop recommendations. Integrated location-based crop price analytics, predictive insights, and daily agriculture news updates using REST APIs.
- **Student Performance Prediction** **Flask, Scikit-learn, CI/CD, ML**
  Built a web application to forecast student performance using demographic and academic data. Designed an ML model to assist educators in identifying at-risk students based on attributes like gender, parental education, and test preparation.
- **Snake and Ladder** **Java, DSA**
  Created a modular, object-oriented simulation of Snakes and Ladders in Java using core DSA principles. Implemented scalable logic with classes for game components, turn-based mechanics, and dynamic dice functionality.

## Achievements

- Solved 800+ DSA problems on LeetCode
- Amazon FFE Scholar (2024 Mentee)
- 2nd Prize – Algorithm Contest, Computer Society Club
- Completed FLY Program – Competitiveness Mindset Institute (USA), Communication, Time Management
- Languages Known: Kannada, English

Date of Birth :- 07/08/2004