

Deepak Narayan Moger

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Summary

Highly motivated BE undergraduate with strong foundations in Machine Learning, AI, and Cloud Computing. Experienced in building end-to-end ML applications, integrating OCR-based data extraction, and deploying scalable solutions. Passionate about applying AI/ML to solve real-world problems and eager to explore cutting-edge technologies in cloud security and data science.

Projects

- Drift Detection in Cloud Applications using AI** *May 2025 – Present*
- Built an AI-powered system to detect data and model drift in cloud applications.
 - Designed a scalable cloud-based architecture for continuous monitoring.
 - Implemented machine learning models to identify real-time performance degradation.
 - **Tech Stack:** Python, Google Cloud Platform, Machine Learning

- Food Expiry Prediction using Machine Learning** *May 2025*
- Developed a web application to predict food expiry and alert users before spoilage.
 - Used image classification to detect food freshness and OCR (EasyOCR & OCR Space API) to extract expiry dates from package labels.
 - Integrated with Flask for a clean, user-friendly interface.
 - **Tech Stack:** Python, TensorFlow/Keras, EasyOCR, Flask, HTML, CSS

Skills

Programming & Development: Python, HTML5, CSS3, MongoDB

AI & Machine Learning: TensorFlow, Deep Learning, OCR, Model Drift Detection

Tools & Platforms: Google Cloud Platform, Visual Studio Code

Other Skills: Problem Solving, Database Management Systems

Education

- A.M.C. Engineering College, Bangalore** *Aug 2022 – Present*
- Bachelor of Computer Applications (BCA) – Undergraduate

- Siddartha PU College** *May 2025*
- 12th / PUC

- Vidyanjali Public School** *May 2025*
- 10th Grade

Certifications

- AICTE: Android Developer Virtual Internship (May 2025)
- AICTE: Business Analyst Virtual Internship (May 2025)
- AICTE: Generative AI Virtual Internship (Jul 2025)
- AICTE: AI/ML Virtual Internship (May 2025)
- AICTE: Zero Trust Cloud Security Virtual Internship (Jul 2025)
- AICTE: Palo Alto Cybersecurity Virtual Internship (Sep 2025)
- UiPath: Automation Developer Associate Training (Jul 2025)
- NPTEL: Introduction to Machine Learning (Jul 2025)