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## SUMMARY

Passionate and detail-oriented in B.E Computer Science (AI & ML) with a strong foundation in machine learning, data structures, and software development. Proficient in Python,C,SQL and deep learning frameworks such as TensorFlow. Demonstrated problem-solving skills through projects

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## Education

<b>ATME College of Engineering, Mysore</b> BE in Computer Science (AI & ML):CGPA: 8.1	2022-2026
<b>ST Joseph pu college for girls, Sathgalli Mysore</b> PUC(PCMB):69%	2022
<b>Andalus english school, Mysore</b> SSLC; CGPA: 69%	2020

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## Projects

### Binary Regression on 3D Objects Using Machine Learning

- Applied machine learning techniques to predict binary outcomes from 3D object data (e.g., shape classification or object pass/fail).
- Used Python, Scikit-learn, and 3D processing tools to extract geometric features.
- Trained regression models and evaluated results using  $R^2$  score and Mean Squared Error (MSE).

### Lungs disease classification using deep learning

**Tools & technologies:** Python, TensorFlow, CNN, Keras, Open CV, X-ray Dataset.

- Developed a deep learning model using Convolutional Neural Networks (CNN) to classify chest X-ray images into categories such as Pneumonia, Tuberculosis, and COVID-19.
- Developed system that achieved 96% accuracy .

### A Smart System for Crop Growth Recommendation

**Tools & technologies:** Python,Pandas, Html ,Java script,Css,Chart.js .

- Developed a Flask-based web application integrating a trained ML pipeline to predict irrigation needs with probability scores.
  - Implemented RESTful APIs (/predict, /health) for real-time crop monitoring and decision support.
  - Designed a scalable system to support any crop input, ensuring flexibility for diverse agricultural use cases.
  - Enhanced sustainable agriculture practices by optimizing water usage through data-driven predictions.
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## Skills Summary

- **Programming Languages:** Python, C, Java basics.
  - **Web Technologies & Databases:** HTML, CSS, MySQL,DSA.
  - **Machine Learning & AI:** TensorFlow, scikit-learn.
  - **Data Handling & Visualization:** Pandas, NumPy, Tableau, Power BI, Excel.
  - **Tools & Platforms:** Jupyter Notebook, Google Colab, Visual Studio Code, Git.
  - **Soft Skills:** Communication, Teamwork, Problem Solving.
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## Certifications

- **FORGE:**
  - [TATA GenAI Powered Data Analytics Job Simulation](#) July 2025
  - [Deloitte Data Analytics Job Simulation](#) July 2025
  - [AWS Solutions Architecture Job Simulation](#)

- IBM SkillsBuild
  - [Getting Started with Artificial Intelligence](#)

July 2025

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## INTERNSHIP

### EDUNET FOUNDATION UNDER SKILLS4FUTURE PROGRAM | ARTIFICIAL INTELLIGENCE AND DATA ANALYTICS FOCUSED ON GREEN SKILLS| 4-WEEK VIRTUAL INTERNSHIP (Aug-Sep2025)

#### [A Smart System for Crop Growth Recommendation :](#)

**Technologies:** Python, Flask, Scikit-learn, Pandas, Pickle, RESTful API .

- Developed a Flask-based web application integrating a trained ML pipeline to predict irrigation needs with probability scores.
  - Implemented RESTful APIs (predict, health) for real-time crop monitoring and decision support.
  - Designed a scalable system to support any crop input, ensuring flexibility for diverse agricultural use cases.
  - Enhanced sustainable agriculture practices by optimizing water usage through data-driven predictions.
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#### Extra-Curricular Activities

- [SKULERR Tech Expedition](#) – Attended a one-day workshop on AI, Power BI, and AR/VR, conducted by experts from GlobalLogic and [TechShiksha](#) | ATMECE (Jul 2024).
  - [National Level Hackathon \(Techavishkar 2.0\)](#), 15-16 May 2025.
  - IVIS TRAINING : [IVIS1](#) , [IVIS2](#), JUN 2024 - MARCH 2025.
  - [LINUX FUNDAMENTALS : MASTER THE LINUX BASIC](#) - 5 DAY BOOTCAMP |DEVTOWN (AUG –SEP 2025) [GOOGLE DEVELOPER](#) , [MICROSOFT](#) , [DEVTOWN](#).
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## HOBBIES

- Travelling & Exploring new culture
- Shopping
- Learning new things

