

Amogh Manjunath

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SUMMARY

Data Science and AI enthusiast with hands-on experience in machine learning, data preprocessing, and application deployment through internships and academic projects. Skilled in Python, Streamlit, Tableau, and MySQL, with a strong foundation in model development, data visualization, and responsible AI practices. Eager to apply technical expertise to solve real-world problems and deliver impactful solutions.

EXPERIENCE

Artificial Intelligence and Machine Learning Intern

Jun 2025 - Jul 2025

Edunet Foundation

- Collaborated on building an **AI/ML salary prediction system**, focusing on **data preprocessing, EDA, and feature engineering** for a 48K+ record dataset.
- Applied **SMOTE for class imbalance** and tuned multiple supervised learning models, achieving **86% accuracy** with Gradient Boosting.
- Strengthened understanding of **ML workflows, model evaluation, and responsible AI practices** through IBM SkillsBuild training.

EDUCATION

Bachelors of Engineering(B.E), Artificial Intelligence and Data Science | B.M.S College of Engineering | (GPA: 7.9)

Sep 2023 - Present

Pre University College(PUC), PCMB | BASE PU College | (GPA: 85%)

Jun 2021 - Mar 2023

10th | Mirambika School For New Age | (GPA: 79.2%)

May 2020 - Jun 2021

CERTIFICATIONS

Python Data Structures, Coursera

Apr 2024

Using Python to Access Data, Coursera

Dec 2024

Artificial Intelligence Fundamentals, IBM SkillsBuild

Jul 2025

OCI 2025 Certified AI Foundations Associate, Oracle

Sep 2025

Associate Data Analyst, Datacamp

Sep 2025

PROJECTS

Credifi - AI-Powered Decentralized Lending Platform, [Link](#)

- Built a **functional end-to-end prototype** of a DeFi lending platform in 24 hours, integrating AI predictions with blockchain execution using **Python, Solidity, and Ganache**.
- Developed an **XGBoost credit risk model** achieving 90%+ accuracy with **real-time predictions (<5s)** and **SHAP explainability** for transparent decision-making.
- Implemented **Solidity smart contracts** and **Web3.py integration** for automated loan processing and secure transaction logging on the blockchain.
- Designed an **interactive Streamlit interface** with dynamic interest calculation, visualizations, and seamless user experience, collaborating closely with a 3-person cross-functional team.

PaperLens - Scalable High Precision OMR evaluation system, [Link](#)

- Developed **PaperLens**, an OMR evaluation system that **reduced exam sheet processing time by up to 70%** compared to manual evaluation.
- Improved **accuracy of result generation by eliminating common manual errors**, ensuring reliable large-scale assessments.
- Enabled **faster student feedback cycles**, scaling to thousands of sheets and supporting **educational institutions and training programs**.

SKILLS

- Programming Languages:** Python, C, HTML/CSS, JavaScript
- Database Management:** MySQL, SSMS
- Data Science & Machine Learning:** scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Xgboost, SHAP, OpenCV
- Deployment & Visualization Tools:** Streamlit, Tableau, Excel
- Other:** AI/ML model explainability, Data Preprocessing, End to End prototyping

VOLUNTEERING

Event Volunteer, IIC Club

Managed stage and AV equipment setup across multiple venues. Ensured seamless event flow and supported coordination during live sessions.

Event Volunteer, Variance Club

Set up and facilitated a clue-based interactive game for 50+ participants. Coordinated timing, logistics, and engagement during the event.