

# Mohan Krishna Namburu

Roll No: 126156091

B.Tech, Computer Science and Engineering, AI-DS

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## EDUCATION

- **B.Tech in Computer Science and Engineering(AI-DS)** 2022–2026  
*Sastra Deemed University, Thanjavur , Tamilnadu* CGPA: 7.59
- **Intermediate** 2020–2022  
*Vidwan Junior College,Guntur,Andhra Pradesh* Percentage: 96.8%
- **SSC** 2019–2020  
*Bhashyam High School,Guntur,Andhra Pradesh* Percentage: 97.6%

## PROJECTS

- **Credit Card Fraud Detection using Machine Learning**
  - Developed a machine learning model to detect fraudulent transactions using Kaggle credit card dataset.
  - Compared algorithms including KNN, Logistic Regression, SVM, and Decision Tree, achieving up to 100% accuracy.**Technologies Used:** Python, scikit-learn, NumPy, Pandas, Matplotlib, Jupyter Notebook
- **E-Hospital Management System**
  - Built full-stack hospital management system for digital record and appointment handling.
  - Features secure login, doctor-patient communication, and responsive interfaces.
  - Integrated database support with relational design and real-time updates.**Technologies Used:** HTML, CSS, JavaScript, SQL
- **Explainable Loan Classifier using SHAP**
  - Developed a loan approval prediction model using Logistic Regression and XGBoost, achieving 99% accuracy and 0.999 ROC-AUC.
  - Implemented SHAP explainability to provide both global and local insights into predictions, ensuring model transparency for financial decision-making.**Technologies Used:** Python, XGBoost, Logistic Regression, SHAP, Pandas, Matplotlib, Seaborn

## EXPERIENCE

- **Yuga Yatra Retail (OPC) Private Limited (Virtual)** Jul 2025 – Sep 2025
  - Worked as a Software Engineer Intern focusing on development and optimization of web-based applications.
  - Contributed to designing scalable solutions and improving existing codebase performance.
  - Collaborated with team members to ensure timely delivery of software modules and effective deployment.

## SKILLS

- **Technical Skills:** Python, Data Structures and Algorithms, HTML, CSS, JS, SQL, MERN , Cpp
- **Soft Skills:** Problem-solving, Adaptability, Teamwork, Time Management, Leadership, Communication Skills

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
- Machine Learning for Beginners – Coursera
- Online Java and Python Training – Internshala

## ACHIEVEMENTS

- Secured admission into Sastra University through National Entrance Examination JEE-Mains with 98 percentile