

RAMGOPAL M

ASPIRING DATA SCIENTIST | PYTHON | ML | DL | NLP & COMPUTER VISION

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📍 Chennai, Tamilnadu, India

SUMMARY

Computer Science graduate skilled in Python, Machine Learning, and Deep Learning, with a focus on solving real-world problems. Passionate about using data-driven insights to build innovative AI solutions.

EDUCATION

B.E – Computer Science and Engineering, M.A.M College of Engineering & Technology,
Anna University — 2025

CGPA: 8.32

Higher Secondary School, Bishop Heber Hr. Sec. School, Trichy — 2021

Percentage: 79%

Secondary School, Bishop Heber Hr. Sec. School, Trichy — 2019

Percentage: 71%

TECHNICAL SKILLS

- **Languages:** Python, SQL
- **ML & AI:** Supervised & Unsupervised Learning, Deep Learning (ANN, CNN, RNN – LSTM), NLP
- **Computer Vision:** OpenCV, YOLO
- **Libraries:** Scikit-learn, TensorFlow, Keras
- **Tools & IDEs:** Jupyter Notebook, Visual Studio Code
- **Databases:** MySQL

INTERNSHIP

Data Science Intern

EXPOSYS Data Labs — June 2023 – July 2023

- Worked on a Customer Segmentation project to analyze customer patterns.
- Developed targeted marketing strategies to improve customer engagement.
- Applied data science techniques for effective data analysis.
- Enhanced business efficiency by identifying distinct customer segments.

Front-End Developer Intern

CodeBind Technologies — July 2024 – August 2024

- Developed responsive web interfaces using HTML and CSS.
- Improved user experience with clean and efficient design.
- Fixed front-end bugs and ensured cross-browser compatibility.
- Enhanced website performance through efficient front-end development.

PROJECT

Currency Classification Using CNN

- Developed a CNN-based model to classify Indian currency notes (₹20, ₹50, ₹100, ₹500) and distinguish between old and new versions. The system was deployed as a web app using Flask for real-time image-based classification.
- Tech Stack: Python, TensorFlow, Keras, Flask, CNN, Jupyter Notebook, VS Code.

Sentiment Analysis of IMDB Movie Reviews Using LSTM

- Implemented a Long Short-Term Memory (LSTM) model to predict sentiment (positive/negative) from IMDB movie reviews.
- Performed text preprocessing (tokenization, stopword removal, padding) and leveraged word embeddings for better accuracy.
- Tech Stack: Python, TensorFlow, Keras, NLP, Jupyter Notebook.

ACHIEVEMENTS AND CERTIFICATIONS

- Won first prize in a non-technical event and actively participated in a paper presentation on "Speech Recognition" at Kongu Nadu Engineering College.
- Presented a paper on "Detecting the Location and Stage of Severity in Diabetic Retinopathy Using Retinal Images" at Bishop Heber College, Trichy
- Completed Cyber Security and Foundations for AI, ML, FS online courses from Naan Mudhalvan.
- Completed Data Science Certification – Softlogic System (2025)