

HD

CONTACT

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LOCATION
Guntur, Andhra Pradesh, India

PORTFOLIO
hemima-portfolio.vercel.app

CORE SKILLS

- Python
- Machine Learning
- Deep Learning
- NLP
- TensorFlow
- PyTorch
- scikit-learn
- Pandas
- NumPy
- SQL
- EDA
- Git

LANGUAGES

TELUGU
Native

ENGLISH
Professional Proficiency

STRENGTHS

- Fast learner
- Analytical thinking
- Documentation mindset
- Team collaboration
- Problem solving

AIML ENGINEER & ML SPECIALIST

Hemima Darivemula

Results-driven AIML Engineer with a strong academic foundation in Computer Science and Artificial Intelligence. Skilled in Machine Learning, Deep Learning, Natural Language Processing, data preprocessing, model development, and intelligent system design. Interested in building practical, scalable, and production-ready AI solutions.

8.0 B.Tech CGPA	AIML Specialization	NLP Project Focus
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PROFESSIONAL SUMMARY

Dedicated AI/ML professional with knowledge of supervised and unsupervised learning, neural networks, NLP, computer vision concepts, statistical analysis, and model evaluation. Capable of converting business or research problems into structured machine learning workflows, from data preparation to model training and performance improvement.

EDUCATION

B.Tech in Computer Science & Engineering (AIML) 2022 - 2026

St. Mary's Group of Institution, Guntur for Women | CGPA: 8.0/10

Specialized coursework includes Machine Learning, Deep Learning, Natural Language Processing, Data Science, and Advanced Algorithms.

Intermediate Education - MPC 2020 - 2022

A.P.S.W.R.E.I.S, Vp South | CGPA: 7.89/10

Built a strong foundation in Mathematics, Physics, Chemistry, logical reasoning, and analytical problem solving.

Secondary School Certificate / 10th Standard 2019 - 2020

A.P.S.W.R.E.I.S, Vp South | CGPA: 8.7/10

Completed foundational education with strong performance in STEM-related subjects.

TECHNICAL EXPERTISE

Machine Learning & Data Science

- Knowledge of regression, classification, clustering, anomaly detection, cross-validation, and model evaluation metrics.
- Experience with data preprocessing, feature engineering, exploratory data analysis, and statistical interpretation.
- Hands-on familiarity with Python libraries such as Pandas, NumPy, scikit-learn, TensorFlow, and PyTorch.

Deep Learning & Natural Language Processing

- Understanding of neural networks, CNNs, RNNs, LSTMs, GRUs, attention mechanisms, transfer learning, and transformer-based NLP concepts.
- Familiar with text preprocessing, tokenization, sentiment analysis, text classification, embeddings, and language modeling basics.

PROJECT EXPERIENCE

Toxicity Progression Detection in Social Media Conversations

[Primary Project | NLP | Deep Learning | Classification | Social Media Analytics | Transformers](#)

Developed an NLP-based toxicity detection concept to analyze social media conversations and classify harmful interaction progression. The project demonstrates an end-to-end machine learning workflow including text processing, feature extraction, classification logic, model evaluation, and real-world AI application design.

PROFESSIONAL STRENGTHS

- Strong ability to understand technical requirements and convert them into structured AI/ML solutions.
- Good foundation in documentation, communication, and collaborative project development.
- Quick learner with interest in applied artificial intelligence, research, and production-grade ML systems.