

Miriyala Srikar

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Education

Woxsen University

Bachelor of Technology in Artificial Intelligence and Machine Learning

Hyderabad, India

2023 – 2027

- CGPA: 8.00

Technical Skills

Languages: Python, JavaScript, SQL, HTML, CSS

Frameworks & Libraries: Flask, Streamlit, PyTorch, TensorFlow, LangChain

AI/ML Technologies: CNN, LSTM, NLP, Transfer Learning, Vector Databases

Tools & Platforms: Git, VS Code, Figma, Adobe Premiere Pro, Adobe After Effects

Core Competencies: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision

Experience

Vice President, Ankur (Incubation Club)

Woxsen University

- Led startup-centric events, workshops, and mentoring programs for aspiring entrepreneurs
- Guided teams on pitch strategies, idea validation, and business modeling techniques
- Coordinated with industry mentors to provide comprehensive startup ecosystem support

Social Media Manager & Designer

Freelance

- Designed digital and motion graphics using Adobe Premiere Pro, After Effects, and Photoshop
- Improved brand engagement by 30% through creative content workflows and strategic posting
- Managed multiple client accounts with consistent delivery of high-quality visual content

Technical Freelancer – Web Development, UI/UX & AI Integration

- Developed responsive websites using HTML, CSS, and JavaScript with focus on user experience
- Integrated AI modules using Gemini API, LangChain, and Flask for intelligent applications

Projects

PitchPRO – AI Pitch Deck Generator

- Developed AI-powered tool that automatically creates comprehensive pitch decks including problem statement, solution, go-to-market strategy, and revenue projections
- Utilized NLP and template generation algorithms to streamline startup presentation creation

DeskMATE – AI Study & Productivity Assistant

- Built conversational AI system that automates timetable creation, content summarization, Q&A, and personalized study recommendations for students
- Implemented using LangChain and vector databases for efficient information retrieval

UniAI – University Admission Chatbot

- Developed intelligent chatbot using LLAMA 3.2, Gemini API and LangChain with vector-based retrieval for accurate responses
- Created full-stack application with HTML/CSS/JavaScript frontend and Flask backend

Medilink – Unified Medical Record System

- Designed hospital-facing system to securely access and update patient history, test results, and prescriptions
- Implemented secure data handling protocols and intuitive interface for healthcare professionals

StockTreNd – Stock Market Prediction System

- Built LSTM-based stock forecasting dashboard using Streamlit for real-time market analysis
- Achieved predictive accuracy through time-series analysis and deep learning models

Patents

Nutrient Delivery System For An Agriculture Field

Application Number: 202541065993 A

- Designed biodegradable sensor system for real-time soil data collection and automated nutrient distribution
- Developed automated nutrient mixing and delivery mechanism for optimized crop growth and yield

Hackathons & Achievements

- **INNOVERSE Hackathon:** Developed Aadhaar-synced medical data management system for secure health records
- **Leadership:** Successfully led Ankur Incubation Club initiatives impacting 100+ student entrepreneurs

Additional Skills

Problem Solving | Communication | Leadership | Presentation | Time Management | Team Collaboration