NITHISH M

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Profile

Passionate AI and Data Science student with experience in Machine Learning, NLP, Flutter, and Unity, adept at rapid learning, problem-solving, and building efficient, real-world solutions. Strong communicator and collaborative team player with a keen interest in software development and continuous innovation.

Education

Bachelor of Technology in Artificial Intelligence and Data Science, Sri Sairam Engineering College

2023 – 27
CGPA : 7.93

Technical Skills and Interests

Languages: C, Python, Java

Tools & platforms: VS Code, Git, GitHub, Jupyter Notebook, Google Colab

Cloud/Databases: Relational Database (MySQL), SQL, MongoDB

Development: HTML, CSS, JS, Flutter, Kotlin

Area of interest: Machine Learning, Web Design and Development, App & Game development, IoT

Projects

SanctuAI – Context-Aware Mental Health Text Redactor
Team Leader | Python, NLP, TensorFlow, Flask

- Built an AI tool to redact sensitive mental health data while preserving context.
- Integrated sentiment analysis and real-time text processing.

Android App, App Developer | Kotlin, XML | Flutter, Dart

- Built **N-Lab**, a Kotlin-based native Android engine for high-performance PDF, Office, image, and audio/video processing using Coroutines, iText7, Apache POI, and RxFFmpeg.
- Developed **Job-Trekker**, a Flutter (iOS & Android) job-tracking app with Firebase authentication, Gmail API automation, Hive storage, and scalable Clean Architecture with Riverpod.

AI Buyer Agent, Developer | Python, NLP, Conversational AI

- Developed a dynamic AI agent that autonomously negotiates prices with sellers in e-commerce, procurement, and research scenarios.
- Designed to optimize deals while maintaining human-like conversational interactions

Experience

- Completed a 30-day online Advanced Machine Learning Internship at CodSoft Pvt. Ltd., working on four project-based tasks. Served as a Software Developer and Data Analyst, applying machine learning techniques to analyze data, identify patterns, and build practical ML solutions.

- Completed a 15-day offline, hands-on Full Stack Development Internship at Fluezen Technology Pvt. Ltd., working on the Smart OPD Queue & Appointment System. Played a key role in UI design, backend development, and authentication & verification, contributing to a secure, efficient, and user-friendly healthcare management solution.

Certifications

Introduction to modern AI – Cisco Networking Academy

1M1B | Shaping Future with Intelligence – IBM

Achievements and Activities

- Won First Prize – Innovators Day 2025 National Level 24-Hour Hackathon at SMVEC
- Coordinator of AIRO 5.0, a National Level Technical Symposium of the department of AI-DS
- Won First Prize – State Level Technical Symposium at RMKCET