NANDIKA MOHITH

Bachelor of Technology VIT-AP

 Portfolio

 LinkedIn

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 GitHub

Professional Summary

Computer Science undergraduate skilled in AI, Machine Learning, and Web Development. Proficient in Python, Java, SQL, and data science tools. Dedicated to applying DSA, and model deployment for real-world solutions

Education

Bachelor of Technology in Computer Science and Engineering	2022–26
Vellore Institute of Technology, Amaravati	CGPA: 8.03
Board of Intermediate Education, Andhra Pradesh	2019–21
Tirumala Junior College, Visakhapatnam	Percentage: 97.4
Board of Secondary Education, Andhra Pradesh	2018–19
St Josephs School, Vizianagaram	CGPA: 10.0

Personal Projects

Snack Squad App - June 2024   Github Link

- Engineered a feature-rich food delivery application using Kotlin and XML, implementing MVVM architecture with dynamic UI components for optimal user experience and code maintainability.
- Integrated SQLite database for efficient local data persistence and optimized app performance, reducing load times and enhancing reliability.
- Tech Stack: Kotlin, XML, SQLite, Android SDK, MVVM Pattern.

Online Sports Booking Website - Aug 2024 – Nov 2024   Github Link

- Developed a full-stack sports reservation system with real-time event updates and booking management, implementing responsive UI/UX design for seamless cross-device accessibility.
- Built RESTful backend architecture with PHP and MySQL, ensuring secure data handling, efficient query optimization, and dynamic content rendering using JavaScript.
- Tech Stack: HTML5, CSS3, JavaScript, PHP, MySQL, Responsive Web Design.

Meeting Summarizer (AI-Powered Transcription Tool) - Oct 2025   Github Link

- Architected a MERN stack application with React/Chakra UI, enabling automated audio transcription with speaker diarization and AI-generated actionable summaries via AssemblyAI and OpenAI GPT integration.
- Developed Node.js/Express RESTful API backend with MongoDB for scalable data management and multi-API orchestration and implemented advanced prompt engineering for LLM-based summary generation.
- Tech Stack: MongoDB, Express.js, React, Node.js, Chakra UI, RESTful APIs, AssemblyAI, OpenAI API, Speaker Diarization.

Fake News Detection System - Oct 2024 – Feb 2025

- Built an ML classification pipeline achieving 92 perc accuracy using supervised learning algorithms (Logistic Regression, Random Forest, SVM) with NLP preprocessing and TF-IDF vectorization for feature engineering.
- Tech Stack: Python, Scikit-learn, NLTK/spaCy, Pandas, TF-IDF, Machine Learning.

Technical Skills and Interests

- **Languages:** Java, Python, JavaScript
- **Web Technologies:** HTML, CSS, Node.js, React, PHP, API Integration
- **Database:** MySQL, MongoDB
- **Cloud:** AWS
- **Development Tools:** Git/GitHub, VSCode, Google Colab
- **Relevant Coursework:** Data Structures & Algorithms, OS, OOPS, DBMS, Software Engineering
- **Areas of Interest:** Artificial Intelligence, Machine Learning, Deep Learning, Web Development

Certifications

- MongoDB Database Administration (Global Certification)
  View Certificate
- AWS Cloud Foundation with Amazon Web Services
  View Certificate