NISHITHA A

+91 8217403717 ⋄ Bengaluru, Karnataka

nishithaanand2004@gmail.com ⋄ linkedin.com ⋄ github.com

PROFILE SUMMARY

Machine Learning enthusiast skilled in NLP, deep learning, and data analytics with expertise in Python, Tensor-Flow, and ensemble methods. Full-stack developer experienced in building web apps using the MERN stack and working with real-time data processing and SQL.

EDUCATION

PES University   *Aug 2022 – May 2026*
Bachelor of Technology in Computer Science (AIML)   Bengaluru, Karnataka
CGPA: 7.93 — **SGPA:** 8.79

SKCH PU College   *Aug 2020 – May 2022*
Pre-University in Computer Science   Bengaluru, Karnataka
Percentage: 96.6%

TECHNICAL SKILLS

Programming Languages: Python, C, C++, JavaScript, HTML, CSS
Technologies/Frameworks: TensorFlow, PyTorch, Apache Spark, Kafka, scikit-learn, MERN stack
Key Skills: Machine Learning, NLP, Big Data, Cloud Computing, Algorithmic Programming

EXPERIENCE

AI Research Intern   *Jan 2025 – Mar 2025*
Softcons, Inc. USA   Bengaluru, Karnataka
- Web scraped and curated 500K+ articles of a political party and built a custom LLM for analysis.
- Enhanced NLP preprocessing techniques, improving data consistency and text processing efficiency by 20%.

Summer Research Intern   *Jun 2024 – Jul 2024*
RAPID, PES University   Bengaluru, Karnataka
- Developed a state-of-the-art Text-to-Speech (TTS) system incorporating enhanced emotional expressiveness to improve speech naturalness and accuracy.
- Fine-tuned pre-trained models (e.g., Tacotron) to synthesize speech with distinct emotional tones, including sadness, happiness, and anger, leveraging advanced emotion recognition techniques.

PROJECTS

Tesla Stock Price Prediction Using Sentiment Analysis   (GitHub)
- Predicted Tesla stock prices by integrating sentiment analysis of financial news and tweets with stock price movements.
- Combined sentiment scores with historical stock data for time-series modeling, achieving 80% accuracy.

Big Data Streaming Project   (GitHub)
- Designed a real-time Bitcoin price analysis pipeline using Spark Streaming and Kafka for data ingestion.
- Delivered actionable insights via WebSockets, demonstrating big data streaming proficiency.

Club Connect — MERN Stack   (GitHub)
- Built a full-stack web app to help students explore and join campus clubs based on interests.
- Integrated user authentication, detailed club information display, and a counseling registration system.

ACHIEVEMENTS

- Secured a Top 3 position at AI Ideathon '25, IIT Hyderabad, for developing an innovative AI-driven solution.
- Awarded DAC Scholarship from PES University for academic excellence and outstanding performance.