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ANISH KUMAR

Education

Siksha 'O' Anusandhan Deemed to Be University

Bhubaneswar, Odisha

B.Tech in Computer Science Engineering (Data Science) | CGPA: 8.67 (till 4th semester)

2022 – Present

Projects

LLMinds - AI Response Aggregator

February 2025

- Developed a web application integrating multiple AI models to generate, analyze, and synthesize responses, enhancing answer quality and accuracy.
- Implemented asynchronous API calls and caching, reducing average response time by **40%** and lowering server costs by **25%**.
- Designed a response synthesis engine using NLP techniques (sentiment analysis, confidence scoring, and AI-based summarization) that improved user satisfaction by **30%**.

Automated MCQ Generation System Using NLP - github.com/anishkr224/Text2MCQ

October 2024

- Developed an automated system that generates multiple-choice questions using Natural Language Processing.
- Utilized SpaCy for text parsing and key entity extraction, achieving a **90%** accuracy rate in generating contextually relevant questions.
- Integrated PyPDF2 for efficient text extraction from PDFs, reducing manual input by over **80%**.
- Built an interactive quiz interface with JavaScript, enhancing real-time feedback and scoring efficiency by **35%**.

SheShield: Advanced AI Solutions for Women's Public Safety - github.com/anishkr224/SheShield

September 2024

- Designed a surveillance system with gender detection, gesture recognition, and SOS alerts to enhance women's safety.
- Developed real-time analysis using YOLO and DBSCAN, achieving **95%** accuracy in detecting potential threats.
- Managed a SQLite database for incident logs and implemented geospatial analytics for hotspot mapping, reducing incident response times by **50%**.
- Integrated the Twilio API for instant SOS alerts, improving alert delivery speed by **60%**.

Skills

Data Science & Machine Learning : Python, SQL, OpenCV, NLP

Programming Languages : Java, Python, C++

Achievements

- National Level Hackathon Finalist** – CraftNCode by IIIT Bhubaneswar; ranked in the top 1% out of 1,318 teams
- HackerWar 5.0 Finalist** – ITER, Siksha 'O' Anusandhan University; recognized among the Top 30 Teams

Certifications

- Data Structures and Algorithms – GeeksforGeeks
- Complete Data Science, Machine Learning, Deep Learning, and NLP Bootcamp – Krish Naik (Udemy)
- Complete Data Analyst Bootcamp: From Basics to Advanced – Krish Naik (Udemy)