Ankit Das

Under-Graduate Student

Driven by a passion for harnessing Machine Learning (ML) to address real-world challenges, I bring a strong foundation in Python programming and data visualization. My experience in coding competitions showcases my ability to learn and apply new concepts effectively. I'm eager to leverage these skills to pursue a career in Data Science and contribute to the advancement of Generative AI.

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EDUCATION

Bachelor of Engineering, Computer Engineering
Shah & Anchor Kutchhi Engineering College

12/2021 - Present　　　　　　*Aggregate CGPI - 8.05 (till Sem V)*

Courses
- Eye Disease Prediction Project
- Music Streaming Website Project

PROJECTS

Real-time Queue Monitoring System with Custom YOLOv8 Model (Python)
- Trained a YOLOv8 model for high-accuracy person detection in video queues. Implemented real-time queue monitoring for efficient management

Deep Learning System for Eye Disease Detection (Python)
- Developed a system for automated eye disease screening using fine-tuned ResNet and EfficientNetB3 models. Trained the model to classify three eye diseases

Personalized Medical Chatbot with Fine-tuned LLM (Python).
- Developed a medical chatbot leveraging a fine-tuned Meta Llama2 Large Language Model (LLM).
- Enabled personalized suggestions by tailoring responses to user-specific information.

EXPERIENCE

Quantum Machine Learning Intern
CybraneX

10/2023 - 03/2024　　　　　　　　*Remote*

Achievements/Tasks
- Collaborated with a multidisciplinary team to implement quantum computing techniques in real-world applications, driving innovation and technological advancement.
- Chapter under review for "Advancements in Optimization and Nature-Inspired Computing for Solutions in Contemporary Engineering Challenges"

Pune Metro Video Analytics Hackathon
Unstop Hackathon

Achievements/Tasks
- Spearheaded the creation of a queue management system and an escalator fall detection solution, demonstrating leadership, problem-solving skills, and teamwork in a time-sensitive environment.
- Led a team of four to develop innovative solutions for a video analytics hackathon. Spearheaded the creation of a queue management system and an escalator fall detection solution, demonstrating leadership, problem-solving skills, and teamwork in a time-sensitive environment.

SKILLS

Python　Web Scrapping　Computer Vision　Deep Learning　LLM　Data Analysis　Data Visualization　Git　Machine Learning　Project Management　NLP　Tableau　PowerBi

ACHIEVEMENTS

Certificate of Appreciation - Research Cell SAKEC
Honored to have received a Letter of Appreciation from the Research Cell-SAKEC for my role as Projects Co-Lead.

Certificate of Appreciation - IICC, Coding Ninja (07/2022)
For the active participation in INNOVATE INDIA CODING CHAMPIONSHIP, organised.

ORGANIZATIONS

Research Cell SAKEC (07/2022 - Present)
Administration Lead, Projects Co-Lead

CERTIFICATES

Google Analytics for Beginners

Introduction to Programming Using Python - DataCamp

Learning Data Visualisation: Empowering Business with Effective Insights - Forage

Certificate for the Completion of Python 3.4.3 Training & Linux Training - Spoken Tutorial

Introduction to CyberSecurity - Cisco

Python for Data Science - Infosys

Networking Standards and Connections -SkillSoft