Kore Akhil

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⚫ **GitHub Profile**

in **LinkedIn Profile**

Career Objective

Detail-oriented and analytical Computer Science student with strong foundations in software engineering, data analysis, and machine learning. Skilled in designing, developing, and maintaining scalable applications as well as extracting actionable insights from complex datasets. Proficient in programming (C++, Java, Python, SQL) and emerging technologies, with hands-on experience in building software solutions and deploying analytical models. Seeking opportunities as a Software Engineer or Data Analyst to contribute to innovative solutions, process optimization, and business growth.

Education

•**Bachelor of Engineering in Computer Science and Engineering (AIML)**   *2022 – 2026*

Chandigarh University, Punjab   CGPA: 7.62

Personal Projects

•**Object Detection In Images**

A real-time object detection model using YOLOv9I and DINO, optimized for accuracy and deployment.

- Achieved mAP@0.5:0.95 = 0.482 by integrating YOLOv9I with DINO and ResNet backbone, surpassing Faster R-CNN and YOLOv3 on COCO 2017.
- Technology Used: PyTorch, COCO Dataset, WandB, ResNet, Transformer.

•**SMS Spam Filtering**

A react based web application which allow users to chat in real time.

- Developed and deployed a supervised ML model using Natural Language Processing (NLP) techniques, achieving 96% accuracy in classifying over 5,500 SMS messages as spam or ham.
- Implemented TF-IDF vectorization with Naive Bayes and optimized preprocessing using NLTK and Pandas, reducing false positives by 22% and speeding up data cleaning by 50%.
- Technology Used:Python, Scikit-learn, Pandas, NLTK, TF-IDF, Naive Bayes, NLP

Experience

•**Accenture Data Analytics and Visualization Simulation**   *Nov 2024 - Dec 2024*

Accenture   Virtual
- Cleaned and modeled over 75,000 rows of raw business data, generating visual insights that supported a 15% improvement in client decision-making efficiency.
- Built interactive dashboards and delivered 3 data-driven presentations, leading to a 20% increase in stakeholder engagement with analytics reports.

•**Walmart Global Tech Advanced Software Engineering Job Simulation**   *Dec 2024*

Walmart Global Tech   Virtual
- Engineered scalable backend solutions that improved database query efficiency by 35%, supporting high-load systems used by millions of Walmart customers.
- Solved 5+ real-world technical challenges involving data structures and architecture, boosting system performance and accelerating development cycles by 25%.

Technical Skills and Interests

Languages: C++, Python, Java,SQL

Tools : Power BI,Excel

Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Machine learning: Data Preprocessing ,Exploratory Data Analysis (EDA),Supervised Learning,Unsupervised Learning,Time Series Analysis and Forecasting

CERTIFICATIONS

Deep Learning for Developers (Infosys SpringBoard)	*Dec 2024*
Oracle Cloud Infrastructure 2024 Generative AI Professional (Oracle)	*Jul 2024*
Predictive Analytics using IBM SPSS Modeler - Advanced Course (IBM)	*Nov 2024*
Introduction to Internet of Things(Cisco)	*Jun 2023*