AAKASH ALLORIA
Data Analyst

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| PROFESSIONAL SUMMARY

I am passionate about computer science and data analytics and eager to learn and grow in these fields. I am particularly interested in machine learning and its potential for driving innovation. Keeping up with the latest technology is my priority as I aim to make meaningful contributions to the field. As a soon-to-be-graduate in BCA, I am looking to expand my knowledge to help me in my future experiences.

| INTERNSHIPS AND PROJECTS

Airtel - *Data Analyst*
Gurgaon, India • 05/2024 - 07/2024

- Used advanced machine learning models to cluster customers with **90% accuracy**
- Created an **automated data pipeline** that **reduced data processing time by 15%**, allowing for faster analysis and decision-making

Christ University - *TrafficWise*
12/2024 - 03/2025

- **Optimized Route Detection**: Designed a local algorithm reducing route simulation time by 30%, improving navigation efficiency for 80% of users.
- **AI-Powered Chatbot**: Integrated a DeepSeek-R1 chatbot for navigation, increasing user engagement by 25% through real-time traffic insights.
- **Enhanced Traffic Simulation**: Developed real-time simulations improving decision-making accuracy by 40%, boosting overall user satisfaction.
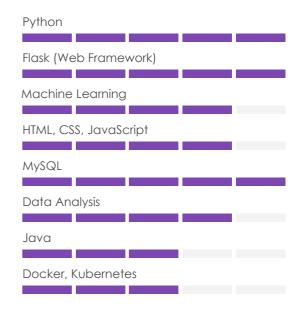
Christ University - *ArthSaathi*
07/2024 - 12/2024

- **Automated Transaction Categorization**: Developed a module that automated transaction categorization, reducing manual processing time by 20% for a pilot group of 150 users.
- **AI-Powered Financial Insights**: Implemented a predictive analytics engine that improved budget forecasting accuracy by 15%, aiding users in making informed financial decisions.
- **Enhanced User Engagement**: Integrated interactive budgeting tools and gamification features, increasing user engagement by 20% and retention by 10% during beta testing.

Christ University - *EcoTrack*
12/2023 - 04/2024

| SKILLS

Python

Flask (Web Framework)

Machine Learning

HTML, CSS, JavaScript

MySQL

Data Analysis

Java

Docker, Kubernetes

| EDUCATION

CHRIST (DEEMED TO BE UNIVERSITY)
Bangalore • 04/2021 - 01/2025

Bachelor of Computer Applications (BCA):
Computer Science

DELHI PUBLIC SCHOOL, GURGAON
Gurgaon • 01/2014 - 01/2021

Physics, Chemistry, Math & Computer Science
Completed various projects using Python, such as Discord Bot

| CERTIFICATIONS

Store Bill OCR Project, 360DigiTMG
09/2023

Fraud Detection Project , 360DigiTMG
03/2023

Stock Market Analysis, Udemy
09/2021

Vigyantram Robotron, Abhyuday (2nd Place)
01/2020

- Created an e-commerce platform using **Flask** (backend) and HTML/CSS/JavaScript (frontend)
- Incorporated **Machine Learning** to forecast sales upon product addition, enhancing business planning
- Employed **MySQL** for robust data management, ensuring scalability and reliability
- Gained comprehensive experience in full-stack development and **real-world ML integration**

360DigiTMG - *Machine Learning Project*
07/2023 - 09/2023

- Applied **machine learning** techniques to develop a fraud detection system utilizing transaction details
- Gained proficiency in **exploratory data analysis (EDA)** techniques to extract insights from financial data
- Acquired skills in **data cleaning methodologies** to ensure high-quality input for machine learning models
- Utilized the **Streamlit** library for frontend
- Developed an understanding of **fraud detection methodologies** and their application in financial institutions

360DigiTMG - *OCR Project*
09/2023 - 01/2024

- Implemented **PaddleOCR** for text extraction from store bills, aiming to automate retail bill information entry
- Explored and experimented with various **Python** libraries to optimize text extraction accuracy and efficiency
- Developed proficiency in **preprocessing techniques** to enhance OCR performance on diverse store bill formats
- Used **Streamlit** to create a frontend for the project
- Gained insights into the challenges and best practices associated with OCR-based projects, particularly in the context of **retail data processing**

Discord Bot
04/2021 - 12/2021

- Created a multifunctional Discord bot using **Python Discord API** and **Pycord** library
- Integrated features like **music player**, **image handling**, and **Spotify** scraping for enhanced user experience
- Implemented **database management** to store and retrieve data efficiently
- Developed proficiency in **asynchronous programming** for managing complex tasks such as music queuing and playback

LANGUAGES

English   Hindi