

Aryaman

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ABOUT ME

AI & Analytics specialist turning raw data into automated, scalable solutions. Cut manual effort by 85% with enterprise-level automation, delivering real-time insights that drive business strategy.

EDUCATION

- | | |
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| • Manipal Institute of Technology | 2020-2024 |
| <i>Data Science and Engineering</i> | Grade: 8.27 |
| • Delhi Public School | 2020 |
| <i>CBSE XII - PCM & Fine Arts</i> | Grade: 92.2% |

EXPERIENCE

- | | |
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| • Eli Lilly and Company | 01/2025 - Present |
| <i>Associate - Business Insights & Analytics Analytics Product</i> | Bengaluru |
| <ul style="list-style-type: none">– Developed a standardized Analytics tool used across 5+ therapeutic areas, reducing analytics time by 40% and improving decision-making speed.– Driving efficiency and innovation by creating products that cater to a broad spectrum of use cases within the organization. | |
| • Eli Lilly and Company | 07/2024 - 01/2025 |
| <i>Associate - Business Insights & Analytics Neuroscience</i> | Bengaluru |
| <ul style="list-style-type: none">– Enhanced standardization across teams and increased efficiency of manual processes, streamlining operations and boosting overall productivity.– Automated a manual process by 85% through a dashboard, earning recognition in the 'Deliver' category at the company town hall.– Deployed multiple chatbots with embedded knowledge bases tailored to specific therapeutic areas. | |
| • Eli Lilly and Company | 01/2024 - 07/2024 |
| <i>Intern - Business Insights & Analytics Immunology</i> | Bengaluru |
| <ul style="list-style-type: none">– Drove engagement metrics by categorizing healthcare professionals (HCPs) using advanced segmentation techniques for targeted marketing.– Delivered real-time data insights and strategic decision-making support through parameterized Python queries and Power BI dashboards.– Ensured data quality and reliability by conducting comprehensive data maturity analysis, supporting accurate analytics. | |
| • Fundinc | 10/2023 - 12/2023 |
| <i>Machine Learning Intern</i> | Manipal |
| <ul style="list-style-type: none">– Leveraged cutting-edge Large Language Models (LLMs) like ChatGPT in Artificial Intelligence.– Fine-tuned advanced LLMs to develop an embedded OpenAI GPT ChatBot.– Innovated a ChatBot that utilizes user-uploaded files to deliver comprehensive responses to queries.– Pioneered the implementation of a VectorDB, significantly enhancing the knowledge base and capabilities of the GPT-powered system. | |
| • Manipal Institute of Technology | 09/2023 - 11/2023 |
| <i>Teaching Assistant</i> | Manipal |
| <ul style="list-style-type: none">– Guided MCA 1st-year students in their DBMS lab, enhancing their MySQL skills and providing comprehensive support. | |
| • Inspira Enterprises | 06/2023- 07/2023 |
| <i>Data Analytics Intern</i> | Ranchi |
| <ul style="list-style-type: none">– Executed advanced data analysis using Python to collect, clean, and explore diverse datasets, uncovering patterns, trends, and insights that drove data-driven business decisions and contributed to company growth.– Developed a Python-based Payroll Comparison Tool, automating data processing and creating insightful visualizations to enhance payroll review accuracy and efficiency. | |
| • CMPDI | 12/2022 - 01/2023 |
| <i>Data Analytics Intern</i> | Ranchi |
| <ul style="list-style-type: none">– Analyzed safety issues and accident data from coal fields and mines using SAS Enterprise Miner, uncovering crucial insights through text mining and analytics.– Developed predictive models to forecast potential safety concerns, contributing to risk management strategies. | |

PERSONAL PROJECTS

•AI Tutor

04/2023-09/2023

An AI-Powered Python Script for Teaching Machine Learning Topics.

- Tools & technologies used: Python, OpenAI
- AI Tutor is a Python script that harnesses the power of OpenAI's GPT-3 language model to deliver automated tutoring on various machine learning topics.

•Gender and Age Detection

09/2022-11/2022

Identify the gender into two binary values(Male and Female) and estimate age using facial features.

- Tools & technologies used: Python, Deep Learning, Streamlit
- The baseline model was set as CNN and multiple models were implemented such as CNN with Skip Connections, ResNet, AlexNet, VGGNet, InceptionV3. CNN with Skip Connections achieved the best accuracy of 87.56.

•Carbon Emission Calculator

08/2022

Calculates the total CO2 emission of a household in India.

- Tools & technologies used: HTML, CSS, JS
- Calculates the total CO2 emission of a household using functions made in JavaScript and suggests changes to be made to reduce the emission if the calculated values pass a certain threshold.

•Movie Recommender System

05/2022-06/2022

Recommend Movies to users using Machine Learning Algorithms.

- Tools & technologies used: Python, Machine Learning, FastAPI, HTML
- The Movie Recommender System is a Python-based project that utilizes K-Nearest Neighbors algorithm to provide personalized movie recommendations to users based on their input.

•Anime Recommender System

04/2022-06/2022

Recommend Anime to users using Machine Learning Algorithms.

- Tools & technologies used: Python, Machine Learning, FastAPI, HTML
- Built an Anime Recommender System processing 12K+ anime and 73K+ user ratings, improving recommendation accuracy by 15%.

•Anti-Suicide Chat Bot

07/2021 - 08/2021

A chat-bot related to suicidal thoughts prevention.

- Tools & technologies used: Python, Deep Learning, JSON
- A chat bot which talks to people and replies to them based on a set of predefined responses related to suicidal thoughts. The algorithm is using a neural network of 16 neurons to predict the right output based on the input in the intents.json file.

SKILLS

Programming Languages: Python

Web Development: HTML, CSS, Flask, FastAPI

Cloud/Databases: MySQL, PostgreSQL

Data Science: Machine Learning, Deep Learning, Computer Vision, Natural Language Processing (NLP)

Artificial Intelligence: Large-Language Models (LLMs), Generative AI

Data Visualization: Matplotlib, Seaborn, Power BI

CERTIFICATIONS

•Deep Learning Specialization, DeepLearning.ai

09/2021

•Introduction to Data Science Specialization, IBM

03/2021

•Data Science Fundamentals with Python and SQL Specialization, IBM

01/2021

POSITIONS OF RESPONSIBILITY

•Graphics Head: The MIT Editorial Board, Student Council, MIT

03/2023 - 11/2023

- Led a team of 7 to revive the Institute's Yearbook after years of inactivity, increasing engagement by 30%.

•Core Committee, Sports: Head Committee Member, Cultural Fest - Revels 2023

01/2023 - 03/2023

- Orchestrated the largest university sports fest with 1000+ participants, increasing event participation by 20% YoY.

•Event Head, Swimming: Cultural Fest - Revels 2022

03/2022 - 04/2022

- Directed the planning and execution of the university's swimming competition, overseeing a team of 4 to ensure smooth operations for over 50 participants.