JATIN ARORA

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An enthusiastic professional with a hardworking mentality and good leadership skills and previous experience built by working on different projects and different environments. Pursuing year 2 of my bachelor's in Artificial Intelligence and Data Science and seeking an impactful opportunity with an esteemed organisation where I can use my analytical skills and improve my domain knowledge and skills so that I can achieve personal and organizational goals and cast my knowledge into experience. I can assure you that my addition to your company will add to the value of your organisation.

EXPERIENCE

DECEMBER 2023 – PRESENT

DATA ENGINEER, PHIPPS HENSON MCALLISTER, NORTHAMPTON

I am responsible for developing data pipelines connecting different accountancy software to make a data warehouse. Make insightful reports using power BI and power automate to pull data Azure SQL Databases and Azure Logic Apps. Connecting the data to SharePoint. Solving any internal IT issues. Managing the external contractors to get the work done on certain projects, working against a tight deadline.

DECEMBER 2023 – FEBRUARY 2024

A.I. ENGINEER, MAVIS TECHNOLOGIES, NORTHAMPTON

I am responsible for developing a MVP of smart glasses by picking the right machine learning model and training strategies and optimizing it to run smoothly on Microprocessors & making key decision in business strategies related to funding and expanding the business.

SEPTEMBER 2023 – DECEMBER 2023

SOFTWARE ENGINEER, PHIPPS HENSON MCALLISTER, NORTHAMPTON

I was responsible for developing internal software. Working with RESTful APIs, Azure cognitive services. Connecting the data to SharePoint. Solving any internal IT issues. Maintaining already deployed Web Apps.

JUNE 2023 – SEPTEMBER 2023

A.I. INTERN, PHIPPS HENSON MCALLISTER, NORTHAMPTON

I was responsible for developing automation pipelines, working on different projects to integrate the use of artificial intelligence in DAY-TO-DAY tasks like making meeting summary sentiment analysis, integrating their current systems with cloud (azure).

APRIL 2023 – PRESENT

RESEARCH ASSISTANT, UNIVERSITY OF NORTHAMPTON

I am responsible for developing ML pipelines for a NLP chatbot, everything from development, design and training and optimization fell under my umbrella of responsibilities. I am waiting for next research project to begin.

JANUARY 2023 – JUNE 2023

FRONT OF HOUSE AND RECEPTIONIST, PREMIER INN, NORTHAMPTON

I was responsible for managing the newly opened breakfast room. My responsibility included managing customers, handling queries and maintaining standard service focusing particularly on guests. I was also being trained in using the BART system which was responsible for making the reservations and managing in-house operations.

EDUCATION

JANUARY 2023 – MARCH 2023
AMS DATA ANALYST BOOTCAMP, OPEN CLASSROOMS, UNITED KINGDOM

Got Enrolled into a bootcamp organised by Open Classrooms and funded by the department for Education in the UK, the skills bootcamp followed a project-based approach. Projects Included: -

1. **Data Analysis using Excel**: The analysis was based on real Australian energy demands, I used my excel skills to find underlying patterns and energy demand throughout different times in the year.

2. **Building a data visualisation dashboard using Tableau**: I built a data viz dashboard based on sample data of a company which runs multiple projects in whole world. I created a story which had a collection of 3 dashboards, one for regional manager, second for country head and then for general manager.

3. **Data manipulation using python**: I prepared a python notebook, which analysed chat data and used libraries like pandas and NumPy to make data frame to make decisions and do a series of analytical operations on data provided.

4. **Database Querying using SQL**: Under this project I used the python plugin for SQL, called SQLite3 for making databases and answering questions like top categories as well as JOIN operations on databases.

SEPTEMBER 2022 – JULY 2026
B.SC. (HONS) ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, UNIVERSITY OF NORTHAMPTON

Year 1 modules and grades: -

Computer Systems: **A**	Mathematics: **A+**
Computer Communications: **A+**	Problem Solving and Programming: **A+**
Software Engineering and Fundamentals: **A+**	Web Development: **A+**

Year 2 modules and grades: -
Introduction to AI: **A+**
Web Programming: **A+**
Relational Databases: **A+**

MARCH 2020 – APRIL 2021
HIGH SCHOOL DIPLOMA, CARMEL CONVENT SCHOOL, INDIA

I studied non-medical sciences which include Mathematics, English, Physics and Chemistry. Scored **93.5%** on my finals.

TECHNICAL SKILLS

- **Python** [Advanced]
- **Machine Learning Modelling** for Regression and Classification problems using **Scikit Learn, Pandas and NumPy, keras and TensorFlow in python.**
- **Database Managemen**t using **PostgreSQL and SQLite.**
- **Azure Web Services**, **Azure Cognitive Services** and **Azure Data Factory**.
- **Data Integration, Feature Engineering and Data Warehousing.**
- **Data Visualization** in python using **Matplotlib and Seaborn & building dashboards using Tableau**.
- **Web Scraping** using Python's **Selenium and BS4** libraries.
- **Web development** using **HTML, CSS and JavaScript**. [Basic]
- **Power BI**, **Power Automate**, **Power Apps**, **Sharepoint**.
- **RESTful APIs** and using **Postman**.

SOFT SKILLS

- Customer Service Skills & understanding customer behaviour.
- Teamwork & Leadership.
- Common Sense and High Emotional Intelligence.

- Analytical mindset with a Go Getter Attitude.
- Humble and Curious.
- Agile Management Strategies.
- Resilient and Confident in face of problems.

CERTIFICATIONS

- **AWS Machine Learning for Natural Language Processing.**
  - o Leaned how AWS platform like Amazon SageMaker, Amazon Comprehend etc, are useful for performing core NLP tasks like NER, POS tagging, Sentiment Analysis, Relationship extraction, topic Modelling etc.
- **Certificate of Completion: -**
  - o I Completed the AMS Data Analyst bootcamp.
  - o I completed the Accenture Work Experience; it is a series of project developed by Accenture North America and is based on data analysis.
- **LinkedIn Badge Earner**: -
  - o I have LinkedIn badges for Python and Machine Learning after scoring in top 30% of all test takers on LinkedIn.
- **Machine Learning Certification**: -
  - o I have ML certificates from websites like Kaggle, LinkedIn and Udemy which proves my efficiency in using Machine Learning.
- **Neural Networks and Convolutional Neural Networks Essential Training**: -
  - o I have earned this certification from LinkedIn Learning which taught me how to make a basic Neural Network with dense layers, using Convolutional Layers, pooling techniques and Drop-out for robust training
- **Programming with JavaScript**: -
  - o I earned this certificate from Open Class Platform which taught me the basics of JavaScript as a programming language, and I am now learning its applications on the web.
- **Excel Advanced Certification**: -
  - o I have earned Excel Advanced certification after completing the course as well as a project related to Australian Energy Demand data in which I was able to make charts and do some feature engineering using formulas.
- **Tableau Certification: -**
  - o I have earned Tableau Certification and completed two projects related to Citi bike dataset.

ACHIEVEMENTS AND RECOGNITIONS

- **Course Representative: -**
  - o I am currently a course rep for my course and collect students' feedback from time to time and address them to responsible authorities.

- **President of Society:** -
  - o I have Co-founded the Artificial Intelligence Student Society in my university, and I am currently acting as a president.

- **Student Representative**: -
  - o I am representing Student's opinion in a debate on Artificial Intelligence which was organised by Association for Learning Technology, East England. Successfully presented opinions in the favour of artificial Intelligence.