

# Aryan Kumar

West Bengal, India

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## EDUCATION

### Haldia Institute of Technology

BTech (Electronics and Communication)

West Bengal, India

[2021-2025]

- **CGPA: 8.53** (out of 10 till 6<sup>th</sup> Sem)
- **CLASS XII-93.8% ,CLASS X-90.04%**
- **Relevant Courses:** Data structures and Algorithm with C++, Database Management System, Computer Networks, Java, MATLAB , JavaScript, Artificial Intelligence and Machine Learning using Python

## EXPERIENCE

### CODE BASICS

Bengaluru, India

[June 2024 - Now]

#### AI Intern

#### NLP Project: Smart chatbot using Dialog Flow

- Designed and implemented a purchase order module that streamlined the ordering process, resulting in a 20% reduction in order errors and significantly improving customer satisfaction ratings based on user feedback.
- Engineered and integrated a comprehensive purchase order module for the Ben Eatery food delivery website, leveraging **Dialogflow** for user interactions and **Python** with **FastAPI** for backend processes, enhancing order processing efficiency for 1,000+ daily users.
- Used **DialogFlow**, **NLP** technique, **Frontend frameworks** and **SQL** for Database.

### HSR HI-TECH SOLUTIONS PVT LTD.

West Bengal, India

[March 2024 – May 2024]

#### Statistical ML Project: Build a House Prediction System

- Engineered a comprehensive **Machine learning model** to forecast real estate prices, incorporating data from 10,000+ listings; successfully reduced prediction error by 15%, enhancing decision-making for potential buyers and investors..
- Used **Linear Regression Model**, **Python Flask Server**, implemented **Feature Engineering**, **Data Cleaning**, **Dimensionality Reduction**, **Outlier Removal**.
- For Tooling- **Jupyter Notebook**, **Pycharm** , **Frontend Frameworks**(html, css, javascript ).

### CODE BASICS

Bengaluru, India

#### AI Intern

[May 2023 - Sep 2023]

#### Gen AI Project: Build a Q & A system in retail domain

- Designed, and implemented an end to end **LLM** project based on Google Palm and **Langchain**. built a system that can talk to **MySQL** database. User asks questions in a natural language and the system generates answers by converting those questions to an **SQL** query and then executing that query on MySQL database. AtliQ Tees is a T-shirt store where they maintain their inventory, sales and discounts data in **MySQL** database. A store manager will may ask questions such as,
- Implemented and deployed in Atliq tees Venture for inventory management, used **Google Palm**, **Langchain**, **MySQL Database**, **HuggingFace library**, **Chroma** and **StreamLit**.

## CERTIFICATION AND COURSES

- CODEBASICS -**ARTIFICIAL INTELLIGENCE** COURSE
- CODEHELP-**DATA STRUCTURES AND ALGORITHM** By-LOVE BABBAR
- **WIPRO PBL (JAVA)**
- CODEBASICS -**MACHINE LEARNING** COURSE
- CODEHELP-**WEB DEVELOPMENT** By-LOVE BABBAR

## SKILLS

Data Structures and Algorithm with C++, Python (Django, Pandas, NumPy and Scikit-learn), Artificial Intelligence and Machine Learning(Deep Learning, Statistical ML, NLP), SQL, Power BI