



Arya Kumar Johary

Bachelor of Technology
in Computer Science Engineering (AIML)
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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	University of Engineering and Management	8.96 (Till 6th Sem)	2021-2025
Senior Secondary	Punjab School Education Board	87.78%	2020

EXPERIENCE

- AICTE** May 2023 - July 2023
Virtual Internship Virtual
 - Data Analytics Process Automation
 - Used Alteryx Designer Software to automate various Data Analysis Methods. Did various assignments and learned how to apply Data Analysis Automation in real-life projects.

PROJECTS

- Employee Management System** Jan 2024 - Apr 2024
Made using JSP and SQL Github
 - An interactive Employee Management System made using HTML and CSS with Java as its backend and SQL as Database.
 - Provides user the facility of Login, Adding new Employees, Updating Employee Details and Deleting existing employee records. All data being saved on SQL server.
- Leaf Disease Classification Model Using CNN** Jan 2024 - Apr 2024
Machine Learning - Convolutional Neural Network Github
 - A machine learning model implemented in Python which uses CNN to identify various diseases in plants using an image of its leaf.
 - Supports various diseases from plants like Potato, Tomato and Pepper. User can give a picture of leaf of any of these and will get information about possible disease or healthiness of plant.
- Plagiarism Checker** July 2023 - Dec 2023
Text Analysis Github
 - A plagiarism checker program that uses a combination of TF-IDF vectorizer and cosine similarity to compare text documents and identify potential plagiarism.
 - Has a minimalist interface where user can select multiple text files at once and get the level of similarity between them. Is scalable to handle large datasets and has fast response time.
- Sorting Algorithm Visualizer** Jan 2023 - Apr 2023
Education Web Application made using ReactJS Github
 - An interactive web application that allows users to visualize different sorting algorithms in real-time.
 - Built using HTML, CSS, JavaScript, and the React JS framework, the web application provides users with the option to visualize Bubble Sort, Selection Sort, Insertion Sort, Heap Sort, Merge Sort, and Quick Sort.
- Zombie Runner** July 2022 - Dec 2022
3D FPS Game made using Unity Github
 - Dynamic 3D zombie survival: swap, shoot and survive.
 - Delve into a meticulously crafted 3D saga as players combat relentless zombie hordes. Seamlessly swap between a variety of weapons while meticulously scavenging for ammunition to survive the unfolding undead apocalypse.

TECHNICAL SKILLS

- Programming Languages:** Java, Kotlin, Python, HTML, CSS, NodeJS, Flutter
- Technical Skills:** Data Analysis using R, MySQL, Game Development with Unity, Github Version Control
- Soft Skills:** Communication, Teamwork, Problem-Solving, Time-Management, Adaptability

KEY COURSES TAKEN

- CSE & Maths:** Algorithm & Data Structure, Operating System, DBMS, Discrete Math, Computer Networks, Database Management System

ACHIEVEMENTS & CERTIFICATIONS

- Alteryx Designer Core**, Certified in Alteryx Designer Core for Data Analytics. 2023
- Scholarship**, Recipient of university scholarship for consistent top academic performance from 1st to 6th semester, maintaining excellence throughout studies.
- NPTEL-Joy of Computing using Python**, Achieved a gold medal and ranked in the top 1% nationally showcasing mastery in Python programming. 2022