Jaspreet Kaur

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https://github.com/deco-derr
Python, Java, C

EDUCATION

Visvesvaraya Technological University,B.E
Artificial Intelligence and Machine Learning
2022 – 2026 8.28 CGPA

Government Senior Secondary School, Patiala, Senior Secondary
2020 – 2022 84.3%

TECHNICAL SKILL

- Programming Languages: Java, C++, Python
- Data Structures and Algorithms (DSA)
- Object-Oriented Programming (OOP)
- Statistical Modeling
- MongoDB, DBMS, SQL, DDA, PHP
- Javascript/Typescript, React, Node js

Certifications

- Introduction to Data Studio by Google
- Quantum Computing using Indigenous Quantum Simulator QSim by IIT Roorkee
- Quantum Computing for Everyone by Pearls Academy and UPES
- Internship at Innomatics Research Labs as a Full Stack Web Developer.
- Internship at Octanet Services Pvt Ltd.

Extracurricular Activities

- Improved AI/ML Club activities participation by 20% as measured by attendance records by organizing and participating in hackathons and coding competitions as an active member of the Guru Nanak Dev Engineering College AI/ML Club.
- Collaborated with a team of students from Stanford University to apply data science principles, resulting in significant insights from dataset analysis principles, resulting in significant insights from dataset analysis.

PROJECTS

Fake News Detection System

- Achieved high accuracy in detecting fake news as measured by precision and recall scores by developing a machine learning model using **NLP techniques** and Python libraries (TensorFlow, scikit-learn).

Smart Data Analysis Tool using Python

- Developed a Python-based tool for smart data analysis as measured by user adoption and feedback by utilizing statistical modelling techniques and implementing data visualization for large datasets

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Predictive Maintenance System using Machine Learning

- Reduced downtime and maintenance costs as measured by maintenance logs by analysing equipment sensor data and creating a predictive maintenance system using machine learning algorithms.

Password Locker using Python

- Enhanced security for credential management as measured by user satisfaction and security audits by creating a Python-based password locker application with features like password generation and encryption techniques.

E-commerce Recommendation System

- Increased sales and user engagement as measured by conversion rates by designing and implementing a recommendation system using collaborative filtering and machine learning algorithms.