Soham Sharma
BTech CSE(AI&ML)
8580612408
sharma.soham04@gmail.com
LinkedIn Id: linkedin.com/in/soham-sharma-662738385/

PROFESSIONAL SUMMARY .

BTech CSE student with strong programming skills and a keen interest in machine learning. Quick learner with problem-solving abilities and enthusiasm for applying ML to real-world solutions.

EDUCATION .

Bachelor's of Technology | Computer Science 2023-2027   DIT University, Dehradun, Uttarakhand
CGPA: 8.55

Class 12th (CBSE) |*2022-2023*
80.5 %| St. Luke's Sr. Sec. School, Solan, Himachal Pradesh

Class 10th (CBSE) | *2020-2021*
75.6% | St. Luke's Sr. Sec. School, Solan, Himachal Pradesh

SKILLS .

Technical -Python, Java, C, Machine Learning beginner, DSA

Interpersonal - Adaptability, Communication, Team Management, Critical Thinking, Problem Solving Abilities.

PROJECTS .

Customer Churn prediction using Machine Learning

- Developed a machine learning model to predict customer churn, achieving high accuracy by comparing and selecting the best-performing model from Decision Trees, Random Forest, and XGBoost.
- Utilized Python and key libraries (Scikit-learn, Pandas) to perform extensive data preprocessing, feature engineering, and hyperparameter tuning across three classification models.
- Analyzed model performance and feature importance to identify key drivers of customer churn, providing actionable insights that can be used to inform targeted retention strategies.

Simple inventory management system in java

- Developed an inventory management system using Java, featuring real-time tracking of product stock, sales, and supplier information.
- Implemented robust database connectivity with JDBC to manage CRUD operations for product data, ensuring data persistence and integrity.
- Engineered core functionalities including product search, stock alerts for low inventory, and transaction logging to streamline business operations.

Graph Visualization with Dijkstra's Algorithm in Java

- Developed a Java GUI-based application to visually represent and interact with a graph data structure.
- Implemented Dijkstra's algorithm to compute the shortest path between nodes.
- The application dynamically visualizes the algorithm's execution, highlighting the shortest path in real-time.

CERTIFICATIONS .

OCI AI Foundations Course - Oracle

- Proficient in core AI/ML fundamentals (NLP, Computer Vision, modeling) with hands-on experience applying Oracle Cloud Infrastructure (OCI) AI services for language, vision, speech, and generative AI solutions.

Java Intermediate Course - Coursera

- Mastery of Object-Oriented Programming (OOP) principles, including inheritance and polymorphism, applied to develop modular and reusable Java applications. Proficient in intermediate Java concepts (collections, file I/O, exception handling) for practical software development.

Python intermediate course - Udemy

- Proficient in core and intermediate Python programming (OOP, functions, error handling, file operations) Strong foundation in advanced Python concepts, including regular expressions and external libraries, for solving real-world problems. Prepared for data science, web development, and automation roles.

EXTRA CURRICULAR ACHIEVEMENTS .

- Current Research Club coordinator DIT University
- Participated in school and college art & craft competition.
- Hosted and managed various fests at school as well as in college.
- Participated in closing ceremony of the intramural program.

INTERESTS & HOBBIES .

- Art & Craft
- Watching movies/shows
- Listen to Music

PERSONAL DETAILS .

Gender: Male

Marital Status:

Current Address: Dehradun

Emails: sharma.soham04@gmail.com

Date of Birth: 09/09/2004

Known Languages: Hindi, English,

Phone Numbers: 8580612408