



Akhil Saini

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CAREER OBJECTIVE

A Computer Science graduate with a comprehensive understanding of software development, data structures, and algorithms. Proficient in multiple programming languages including C++, Python and SQL. Motivated, proactive, and dedicated to continuous learning. Dedicated to applying technical knowledge to solve real-world challenges and contribute to innovative solutions.

TECHNICAL COMPETENCIES

- C / C++
- Python
- Java
- SQL

TECHNICAL SKILLS

- Data Structures and Algorithm
- Machine Learning
- Data Analysis
- Power BI
- MS Excel

INTERPERSONAL SKILLS

- Adaptable & Flexible
- Time Management
- Well Organized

EXTRA CURRICULAR

- 100+ DSA problems solved on Leetcode
- 4 Star in SQL on HackerRank

EDUCATION

- Bachelors in Computer Science Engineering | Chandigarh University, Gharuan
Session: 2021-2025 | Score: 7.9 CGPA
- Intermediate (CBSE) | DAV Public School, Ambala Cantt
Session: 2020-2021 | Percentage: 92%
- Matriculation (CBSE) | DAV Public School, Ambala Cantt
Session: 2018-2019 | Percentage: 91%

PROJECTS

- **Exploratory Data Analysis on Google Play Store Dataset**
Conducted EDA and feature engineering on a dataset of 10,000+ Google Play Store apps to identify trends in app categories, installs, and file sizes
 - The project involved data cleaning, handling missing values, and visualizing patterns using Python libraries (Pandas, Matplotlib, Seaborn).
 - Feature engineering was applied to enhance the dataset for more detailed analysis and insights.
- **Sales Analysis Project**
This Project consolidates monthly sales data using Python and Pandas, cleans it, and performs exploratory analysis to reveal trends, top-selling products, and regional insights.
 - The project uses Python and Pandas for data manipulation and likely Matplotlib or Seaborn for visualization, providing actionable business insights..
 - The project uses Python and Pandas for data manipulation, employing Matplotlib or Seaborn for visualizations to generate actionable insights and trends analysis.
- **Sales Insight Dashboard in Power BI**
Build a powerful dashboard that can help us generate sales insights of the business company.
 - Uses SQL for performing data cleaning and analysis on the dataset to get the meaningful insights from it for further processing.
 - Used various data visualization tools of Power BI to create an interactive report which support informed decision-making.
- **Nutrient-Based Calorie Prediction Using Machine Learning**
The project, "Nutrient-Based Calorie Prediction Using Machine Learning," aims to predict calorie content in food based on its nutrient composition.
 - The project utilizes Python, Pandas, NumPy, Matplotlib, Seaborn, and Scikit-learn for data manipulation, visualization, and machine learning implementation.
 - Multiple models, including Linear Regression, Decision Trees, and Random Forests, are evaluated to determine the best predictor of calorie values.

CERTIFICATIONS & AWARDS

- Learn C++ Programming – Beginner to Advance – Deep Dive in C++(by Abdul Bari)
- The Data Analyst Course: Complete Data Analyst Bootcamp (by 365 Career)
- SQL – MySQL for data Analytics and Business Intelligence (by 365 Career)
- Data Structures & Algorithms Master Course (by CodeHelp)
- Introduction to Machine Learning (by IBM)