Jaskaran Jassal

Student

a mountain-loving coder who finds joy in driving and cherishing moments with family. With a thirst for knowledge and a curious spirit, eager to learn from others' experiences, eager to broaden horizons and deepen understanding in the world of coding and beyond.

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EDUCATION

Bachelor of Science in Computer Science
University of Calgary

08/2021 - Present   *Calgary,Canada GPA=3.8*

Major courses

- Computer Networks(A)
- Princ of Operating Systems(A)
- Tech for Numerical Computation (A)
- Data Base Management Systems(A-)
- Data Struct, Algorithms &Analy(A-)

WORK EXPERIENCE

Data analyst
Manikaran Builders,Rani Ka Bagh, Amritsar Cantonment, Amritsar, Punjab 143001, India

05/2020 - 07/2021   *Amritsar,punjab,India*

Introduced as a contractors for ongoing Civil Works related to Telecom and CNG/PNG gas agencies all over India.

Achievements/Tasks

- Excelling in meticulous oversight, I diligently manage and track all billing transactions across diverse companies, ensuring seamless financial completion of every project.
- Utilize Python or SQL to automate the cleaning and preparation of construction data, ensuring accuracy and saving time for analysis.
- Develop predictive models using Python or R to forecast project timelines, costs, and risks based on historical construction data, aiding in informed decision-making.
- Implementing database solutions to efficiently organize project data, including blueprints, schedules, and resource allocation, improving accessibility and collaboration among team members.
- Analyzing supply chain data to optimize inventory levels, reduce procurement costs, and enhance supplier relationships, improving efficiency and reducing project expenses.

Contact : LAKHVIR SINGH (PROJECT HEAD) - +918288036111

LANGUAGES

ENGLISH

HINDI

PUNJABI

SKILLS

python | Java | C/C++ | Dynamics 365 | Microsoft Office (Power BI, Excel, PowerPoint) | git | ARM v8 | Threading | Socket programming | Networking | Data science | pytorch | tableau | SQL | HTML/CSS | Javascript | AI | R | UML | project management | pandas | numpy | ML

PERSONAL PROJECTS

Selfcheckoutstation (02/2023 - 04/2023)

- Utilize Java's GUI libraries to build a user-friendly interface displaying input fields for item entry and real-time price retrieval.
- Employ socket programming for efficient communication between the GUI and database server, ensuring seamless data retrieval and processing.

TIC-TAC-TOE Game (05/2023 - 06/2023)

- Python client-server program for an interactive TIC-TAC-TOE game, allowing multiple players to connect and play remotely over a network.

Calorie Tracker (01/2022 - 04/2022)

- Utilize JavaFX's rich UI components to create an intuitive and visually appealing interface, featuring input fields for meal details, exercise logs, and progress tracking charts.

GYM DATABASE MANAGEMENT SYSTEM: (09/2023 - 12/2023)

- Full stack web- development project using MYSQL database and node.js for front end and hosting on public server.

CERTIFICATES

Full stack web development by IBM (03/2024 - Present)
coursera

SQL (04/2019 - 03/2020)
Having attained a remarkable 96% grade in Python during my high school tenure, I've cultivated a strong foundation in the language

ACHIEVEMENTS

dean's list (08/2021 - 08/2022)

Dean's List (08/2022 - 08/2023)

President's Admission Scholarship (08/2021)