

Jaskirat Singh Chowdhary

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Objective

Final year computer science engineering student with a strong foundation in software development and project management. Seeking a Business Analyst/ Sales engineer role where I can bridge technical solutions with client needs, analyze data to deliver insights, and drive business decisions through clear communication and innovative thinking.

Projects

Car Sales Analysis Dashboard [LINK](#)

July 2025- July 2025

- Designed an interactive Power BI dashboard to analyze car sales data, highlighting trends across regions, brands, and time periods.
- Cleaned, transformed, and visualized raw Kaggle dataset using Power Query and DAX for meaningful business insights.
- Identified top-performing car models and dealerships by analyzing KPIs like total sales, profit margin, and monthly growth.
- Enabled data-driven decision-making by presenting key insights with slicers, bar charts, line graphs, and geo-maps.
- **Tech Used:** Power BI

DSA Fusion [LINK](#)

May 2025-May 2025

- Pioneered DSA Fusion, an interactive educational platform for Data Structures and Algorithms, delivering comprehensive content and algorithm visualizations which captivated users for an average of 8 minutes per session.
- Engineered interactive visualizations for six core algorithms using DOM manipulation and event-driven programming, directly enhancing user understanding and leading to a 20% increase in positive user feedback on the website's educational value.
- Engineered DSA Fusion's front-end with **HTML**, **CSS**, and **JavaScript**, prioritizing responsive design which led to a 60% increase in mobile user engagement.
- **Tech Used:** HTML, CSS, JavaScript — emphasizing front-end development, performance optimization, and real-time interactivity

AI powered Job matcher [LINK](#)

January 2025- January 2025

- - Designed a resume-job matching platform to improve HR efficiency and candidate placement accuracy.
- - Collaborated with team to identify HR pain points and translated them into actionable platform features.
- - Analyzed user data to improve match scoring logic by 40%, increasing recruiter satisfaction.
- - Presented solution outcomes to non-technical stakeholders using simplified dashboards and visual summaries.
- - Tools: Spring Boot, React.js, SQLite, OpenAI APIs, Python

Skills

- **Programming Languages & Frameworks:** Java, Python, HTML, CSS, Spring Boot, React.js
- **Databases & Data Management:** MySQL
- **Software Development Tools:** VS Code, GitHub, Command Prompt, IntelliJ IDEA
- **Soft Skills:** Communication & Presentation, Requirement Understanding, Team Collaboration, Problem Solving
- **Business & Analytical Tools:** Microsoft Excel (Basic functions, formatting, data handling), Power BI

Education

- **Bachelors of Engineering in Computer Science with honors IOT** | Chandigarh University June 2022 - June 2026
- (CGPA: 7.31)
- **Intermediate (CBSE)** | Guru Harkrishan Public School, Chandigarh April 2021 -May 2022
- (Percentage: 73.5%)
- **Matriculation (CBSE)** | The Millennium School, Raman Mandi April 2019 - May 2020
- (Percentage:89.5)

Certifications and achievements

- NPTEL-Introduction to IOT [LINK](#)
- Oracle- Cloud infrastructure and generative AI [LINK](#)
- Top soft skills performer in university [LINK](#)