

Madhur Goel

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[🌐 LinkedIn](#) [🐙 GitHub](#) [🌐 Portfolio](#)

Profile Summary

Motivated Software Developer with a strong command of C++ and Python, specializing in Data Structures and Algorithms (DSA) and competitive programming. Experienced in building full-stack applications with the MERN stack and front-end interfaces. Skilled in machine learning with a focus on predictive models and data analysis.

Education

Ajay Kumar Garg Engineering College, Ghaziabad

B.Tech in Artificial Intelligence and Machine Learning (CGPA: 8.3)

2021 - 2025

Ghaziabad, Uttar Pradesh

Delhi Public School, Hapur

12th Class (Percentage: 92%)

Intermediate Completed in May 2021

Hapur, Uttar Pradesh

Experience

Data Analyst Intern — Binge & Bash

June 2024 - Current

- Streamlined data flow by restructuring data pipelines, reducing data latency and increasing accessibility for end-users, which ensured that relevant teams could access the information they needed quickly and efficiently.
- Utilized Power BI to create detailed visual reports, providing actionable insights for the marketing and sales teams, which helped in identifying trends, measuring campaign effectiveness, and planning future strategies.
- Technologies used:-** Python, Power BI, Excel, Microsoft Azure, Mongo DB, Machine Learning

Artificial Intelligence Intern — Dwayo Technologies

Mar 2024 - May 2024

- Spearheaded the retraining of the Tesseract OCR model for the Marathi language, specializing in a novel font style, which improved text recognition accuracy and increased character confidence levels by 36% .
- Technologies used:-** Python, Tesseract, Qt-box-Editor, Image Processing, Machine Learning

Technical Skills

Programming Languages: C++, C, Python

Web Technologies: HTML, CSS, JavaScript, React, MongoDB, Express, Node Js, JWT Tokens, Redux, Bootstrap

Data Analysis: SQL, Power BI, Microsoft Azure, scikit-Learn, NLP

Computer concepts: Data Structures, Algorithms, Operating System, Object Oriented Programming, Database Management, Computer Networks, Machine Learning, GitHub

Achievements and Certifications

- 🏆 **Knight** on Leetcode (**1880+ rating**). Leetcode Id: <https://leetcode.com/madhurgoel88/>
- Ranked 1st** in college Coding Contest named Technival.
- Solved **915+ DSA problems** on various platforms.
- 3 star** ⭐ Rating on Codechef. Codechef Id: <https://www.codechef.com/users/madhur9897>

Projects

Career Vault (Job Portal) | [🐙 Github Link](#)

[🌐 Live Link](#)

- Developed a comprehensive job portal where recruiters can create accounts, register their companies, and post job openings, while candidates can browse these listings, apply for jobs, and monitor the status of their applications.
- Implemented a role-based authentication system using JWT (JSON Web Tokens) to manage secure login sessions, ensuring that recruiters and candidates have distinct access privileges.
- Technologies used:** React.js, MongoDB, Express, Node.js, JSON Web Tokens

Airlines Data Analysis Using SQL | [🐙 LINK](#)

- Built out a data-driven project focused on addressing profitability challenges within the airline industry, including navigating stricter environmental regulations, rising taxes, fuel costs, and labour expenses.
- Leveraged Python, SQL, and data visualization techniques to dissect extensive datasets, extracting valuable insights to enhance seat occupancy rates and average profit per seat, thus driving bottom-line improvements.
- Technologies used:** SQL, Python, Numpy, Pandas, Seaborn