

GAUTAM KUMAR

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SKILLS

- **Languages:** C/C++, Java, Python, JavaScript
- **Frameworks & Libraries:** ReactJS, NodeJS, HTML and CSS
- **Tools & Platforms:** MySQL, MongoDB, Git, GitHub, Linux, Power Bi, Excel
- **Core CS Fundamentals:** DBMS, OS, CN, SQL, OOPs
- **AI/ML & Data:** Pandas, NumPy, Seaborn, Scikit-learn, Matplotlib
- **Soft Skills:** Time Management, Problem-Solving, Adaptability, Quick Learner, Team Work

PROJECTS

Student Task Manager System | GitHub | Live

Nov' 25 - Dec' 25

- Engineered a responsive student task management dashboard with secure authentication, dynamic task creation and tracking, real-time status-based categorization, interactive user interface components, and smooth user experience.
- Orchestrated user authentication (Sign Up, Login, Logout) and per-user task storage using browser local-Storage.
- Enabled task management with task creation, status tracking (Backlog, In Progress, Completed), and dynamic rendering.
- Incorporated an advanced task search feature with live suggestions and Enter-key filtering to efficiently locate tasks.
- Crafted a modern, responsive UI with modals, dashboards, hover interactions, and mobile-friendly layouts, ensuring a smooth, consistent, visually appealing, intuitive, and performance-optimized user experience across devices.

Tech Stack: HTML, CSS, JavaScript, Local-Storage, Responsive UI Design

Global Stock Tracker – AI-Powered Stock Insight Chatbot | GitHub | Live

Feb' 25 - Jul' 25

- Built a real-time stock insight chatbot displaying live market data, last-month candlestick charts, and visuals using Chart.js.
- Integrated Alpha Vantage and Yahoo Finance APIs for fetching intraday and historical stock data.
- Implemented Gemini AI-based summaries, trend analysis, and personalized insights for better decision-making.
- Designed a clean and responsive UI where personal details (name, roll number, registration number, section) appear on the left panel for academic submission, improving readability, layout consistency, user focus, and professional presentation.

Tech Stack: HTML, CSS, JavaScript, Chart.js, Alpha Vantage API, Yahoo Finance API, Gemini AI

Car Sales Analysis & Price Prediction System | GitHub

Nov' 25 - Dec' 25

- Analyzed a large car sales dataset to identify patterns in sales volume, revenue, customer income, and regional performance using Pandas, NumPy, Seaborn, and Matplotlib for actionable business insights and data-driven decision making.
- Performed full data cleaning, preprocessing, and feature engineering including outlier removal and categorical encoding to create reliable inputs for modelling, improving accuracy, consistency, and overall model performance.
- Generated clear visual insights using time-series plots, bar charts, pie charts, heatmaps, and distribution plots.
- Trained machine learning models to predict car prices based on customer, vehicle, dealer, and regional features.
- Evaluated models, where Random Forest outperformed Linear Regression with lower MAE (4342.78 vs 9441.93), lower RMSE (8683.16 vs 12701.21), and higher R² (0.65 vs 0.24).

Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

TRAINING

Lovely Professional University – Mastering Data Structures and Algorithms | Certificate

Jun' 25 - Jul' 25

- Completed intensive training focused on algorithmic thinking and efficient problem-solving through hands-on coding practice.
- Implemented linked list operations (insertion, deletion, traversal, searching) and visualized them using web technologies.

Tech Stack: HTML, CSS, JavaScript

CERTIFICATES

- Cloud Computing – NPTEL | [Link](#)
- SQL for Data Science – Great Learning | [Link](#)
- CSS, JavaScript & Python – Udemy | [Link](#)

Apr' 25

Mar' 24

Feb' 24

ACHIEVEMENT

Solved 100+ coding problems across **Leet-Code** and **GFG**, strengthening problem-solving and logical thinking.

Nov' 25

EDUCATION

- **Lovely Professional University**
Bachelor of Technology – Computer Science and Engineering; **CGPA: 8.03** Phagwara, Punjab
Aug' 23-Present
- **RN College**
Intermediate; **Percentage: 73.2%** Hajipur, Bihar
Apr' 21-Mar' 22
- **San-Saro Ram-Rati HS**
Matriculation; **Percentage: 82.2%** Khanjahachak, Bihar
Apr' 19-Mar' 20