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

Insurance Risk & Claims Analysis Dashboard | GitHub | Live — Nov' 25 - Dec' 25

- Developed Insurance Risk & Claims dashboard analyzing **37,542+** policies and **$187.8M** claim amount to evaluate risk.
- Designed dynamic KPIs including Total Policies, Claim Amount, and Average Claim Frequency for performance monitoring.
- Conducted demographic analysis across Age Group and Coverage Zone to identify high-risk segments.
- Implemented slicers, drill-down filters, and data modeling to enable analysis across Urban and Rural regions.
- Created executive-level visualizations using KPI cards, donut charts, bar charts, line trends, and matrix reports to support data-driven decision-making across multiple business units and strategic operational planning initiatives.
  Tech Stack: Power BI, DAX, Data Modeling, Data Cleaning, Interactive Dashboard Design

Ecommerce Support – Issue Tracking System | GitHub | Live — Jan' 26 - Feb' 26

- Engineered full-stack **Ecommerce Issue Tracking System** enabling customers to report issues and track status.
- Built an interactive **Admin Dashboard** with KPIs (Total, Pending, Resolved, Rejected) for support management.
- Integrated status updates, priority tagging (High/Urgent), search, and card/table toggling to streamline issue workflows.
- Constructed structured forms with validation for order ID and issue category to ensure accurate data capture.
- Deployed the application on Render with responsive UI design, improving usability across desktop devices.
  Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, REST APIs, Render (Deployment)

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 **R^2 (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** — Apr' 25
- SQL for Data Science – Great Learning | **Link** — Mar' 24
- CSS, JavaScript & Python – Udemy | **Link** — Feb' 24

ACHIEVEMENT

Solved 100+ coding problems across **Leet-Code** and **GFG**, strengthening problem-solving and logical thinking. — Nov' 25

EDUCATION

- **Lovely Professional University** — Phagwara, Punjab
  Bachelor of Technology – Computer Science and Engineering; **CGPA: 8.00** — Aug' 23-Present

- **RN College** — Hajipur, Bihar
  Intermediate; **Percentage: 73.2%** — Apr' 21-Mar' 22

- **San-Saro Ram-Rati HS** — Khanjahachak, Bihar
  Matriculation; **Percentage: 82.2%** — Apr' 19-Mar' 20