Kumar Gaurav

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SUMMARY

Motivated and detail-oriented Computer Science student. I am building personal projects and improving my coding skills through online courses and challenges. I learn quickly and enjoy solving problems, collaborating on team projects, and continually growing through self-learning and new challenges.

EDUCATION

CMR Institute of Technology   **Aug 2023- Sep 2027**

Bachelor of Technology in Computer Science and Engineering   *Bangalore, Karnataka*

SKILLS

- **Languages and Databases**: Python, MySQL, C, C++, HTML, CSS, JavaScript
- **Visualization Tools**: Pandas, NumPy, Matplotlib, Seaborn, Tableau, Power BI, Excel
- **Other skills:** React.js, Next.js, Python Flask, Machine Learning, Scikit-learn

PROJECTS

Data Swift – Data Analytics Platform | Next.js, Python, Pandas, NumPy, Scikit-learn, Tailwind CSS   **Aug 2025**
- Built an analytics platform that lets non-technical users upload datasets, trigger automatic data cleaning, perform EDA, and generate AI-powered insights through a simple, guided interface.
- Implemented backend logic using Python, Pandas, and Scikit-learn to manage preprocessing, statistical analysis, and insight generation without needing user coding.
- Delivered a responsive, dual-mode UI in Next.js and Tailwind CSS, providing one-click reporting for business users and custom scripting options for advanced analysts.

Weather Data Analysis – Power BI Dashboard | Weather API, DAX, Power BI   **Jul 2025**
- Extracted and transformed real-time and 7-day weather forecast data for Indian cities using a Weather API. The data included temperature, humidity, rainfall, wind speed, and pressure.
- Built DAX measures to calculate averages, standard deviation, variance, and forecast accuracy. This allows for detailed trend analysis and reliability scoring.
- Created a user-friendly Power BI dashboard with dynamic KPIs, multi-city selectors, forecast charts, rain probability bars, and AQI breakdowns to tell a story with data.

Credit Score Prediction – ML Web App | Python Flask, Pandas, NumPy, Scikit-learn, React.js   **Jun 2025**
- Deployed a responsive full-stack web app using a Flask backend and a sleek dark-themed React.js frontend for real-time credit risk scoring.
- Created interactive credit score gauges and dynamic financial visuals linked to a machine learning model trained on 27 financial metrics, reaching over 80% accuracy.
- Provided a finance-focused user interface and experience that offers useful credit risk insights, allowing for smarter lending decisions.

CERTIFICATIONS

- **AI for Product Management –** Pendo.io (Jul 2025)
- **Become SQL Champion –** Udemy (Apr 2025)
- **Deloitte Australia- Data Analytics Job Simulation –** Forage (Apr 2025)
- **Goldman Sachs Software Engineering –** Goldman Sachs (Feb 2025)