

Kumar Gaurav

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OVERVIEW

Motivated and detail-oriented Computer Science student. Actively building personal projects and improving coding skills through online courses and challenges. Quick learner, enthusiastic about solving problems, collaborating on team projects, and constantly improving 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, Python Flask, Machine Learning, Scikit-learn

PROJECTS

Personalized Fitness & Nutrition Recommender – ML Web App | Python, Flask, Tailwind CSS, Scikit-learn **Apr 2025**

- Built an end-to-end web app that provides personalized workout plans, nutrition tips, and progress tracking using a trained ML model.
- Developed the backend with Flask to process user inputs and generate dynamic fitness recommendations using Scikit-learn.
- Crafted a dynamic and responsive front-end using Tailwind CSS and Jinja2 templates, seamlessly integrating progress charts for clear and engaging user insights.

Loan Approval Prediction – ML Web App | Python, Scikit-learn, Flask, HTML/CSS **Mar 2025**

- Built a loan approval prediction system by cleaning and preprocessing data with Pandas, training a classification model using Scikit-learn, and optimizing it with performance metrics and hyperparameter tuning.
- Developed and deployed a lightweight Flask web app with an intuitive HTML/CSS front-end, enabling real-time predictions based on user input with 80% accuracy.
- Integrated the complete pipeline from data processing to model inference, demonstrating the ability to merge data science with web development effectively.

T20 World Cup Data Analysis – Dream XI Project | Web Scraping, Python (Pandas), Power BI **Jan 2025**

- Collected and cleaned match and player data through web scraping and Pandas to analyze batting, bowling, and fielding performance across multiple datasets.
- Calculated custom metrics (e.g., strike rate, economy, averages) and built interactive Power BI dashboards to rank players and present a data-driven Dream XI.
- Gained hands-on experience in the full data analysis lifecycle—from scraping and transformation to insight generation and visualization.

CERTIFICATIONS

- **Become SQL Champion** – Udemy (Apr 2025)
- **Deloitte Australia- Data Analytics Job Simulation** – Forage (Apr 2025)
- **Goldman Sachs Software Engineering** – Goldman Sachs (Feb 2025)