SHUBHAM KUMAR

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[LinkedIn](#) | [GitHub](#)

Professional Summary

Data-driven professional with expertise in Python, SQL, and machine learning, skilled in leveraging data science and visualization tools like Tableau and Power BI to deliver actionable insights. Proficient in frontend development with React and JavaScript, with a proven ability to design user-friendly interfaces and solve real-world problems.

Experience

Placement and Training Representative   **04/2024 - Present**
Netaji Subhash Engineering College, Kolkata

Facilitated student placements, leading to significant percentage increase or number of placements. Coordinated multiple workshops, improving students' career readiness and skills.

Technical Skills

Programming and Databases: C/C++, Python, Data Structure & Algorithms, SQL, MySQL
Libraries and Tools: NumPy, Pandas, Matplotlib, Scikit-Learn, Power BI, Advanced Excel, Google Colab
Version Control and Others: Git, GitHub, Kaggle

Education

Netaji Subhash Engineering College, *Kolkata, West Bengal*   **Sep 2021 – July 2025**
Bachelor of Technology in Information Technology   *CGPA – 8.93(Till 6th Sem)*

Relevant Coursework: Data Structure and Algorithms, Object Oriented Programming, Database Management System

Personal Projects

MeddiHelp* *HTML, CSS, JavaScript, Python, Gemini AI API   [*Hosted Link*](#) | [GitHub](#)
- Deployed a frontend-focused medical help website featuring PillPaw, an **AI-powered chatbot** for accurate medical query responses.
- Leveraged **generative AI**, **Natural Language Understanding (NLU)**, and **Python Flask**, along with the Gemini API, to create a user-friendly chatbot that provides accessible and accurate support for medical queries.

Car Price Predictor* *Python, Jupyter Notebook, NumPy, Pandas, Scikit-Learn, Matplotlib   [GitHub](#)
- Developed a **machine learning** model using linear regression to accurately predict car prices, ensuring robust performance through effective data preprocessing.
- Conducted **exploratory data analysis (EDA)** to uncover key insights and trends, while applying advanced feature selection techniques like **Recursive Feature Elimination (RFE)** to improve accuracy and reliability.

Task Manager* *Python, Command-line Interface (CLI)   [GitHub](#)
- Developed a **command-line task management application** in Python to efficiently organize tasks. Users can add, list, complete, and delete tasks using intuitive commands, making task management simple and effective.

Certifications

Google Analytics Certification [Link](#)   Machine Learning A-Z: AI, Python & R [Link](#)   Python Basics [Link](#)

Achievements

- Solved **600+ coding problems** across platforms (Leetcode, Codeforces, Codechef, and GeeksforGeeks).
- Secured **Global Rank 12** in Codechef Starter 133 Division 3 [CodeChef](#)
- Ranked in the **Top 9%** on Leetcode with a peak rating of 1767 [LeetCode](#)

Languages

Proficient in English and Hindi.