Bablu Kumar Sharma

LinkedIn: https://www.linkedin.com/in/bablu-kumar-sharma/   Email: babluks2244@gmail.com

GitHub: https://github.com/bksharma1729/   Mobile: +91 9693397885

SKILLS

Languages:	Python, C, C++, Java
Tools/Platforms:	Excel, VS Code, Jupyter notebook, Power BI, MySQL
Soft Skills:	Adaptability, Problem solving, Teamwork, Project management

PROJECTS

Event Reminder System | GitHub | [Link]   Aug' 25

- Built a JavaFX desktop application to add, remove, search, and manage event reminders.
- Implemented an object-oriented Event model to manage event data and applied file handling for storing and retrieving reminders.
- Ensured persistent data maintenance using serialization and a custom Event Storage module.
  Tech Stack Used: Java, JavaFX, OOP

AI-Powered Directory Management System | GitHub | [Link]   Apr' 25

- To build a smart directory management system that makes it easier for users to organize, view, and manage their files with the help of AI.
- To use AI to automatically categorize files, improve the accuracy of file searches, and reduce the time users spend managing folders manually.
- Successfully developed an AI-powered system that organizes files automatically, speeds up file searching, and simplifies overall directory management for everyday users.
  Tech Stack Used: Python (Matplotlib, Tkinter).

COVID-19_Outcomes_by_Vaccination_Status_-_Historical-Analysis | GitHub | [Link]   Mar' 25

- Performed extensive data preprocessing, including cleaning missing values, normalizing population-based metrics, restructuring datasets with melt/group-by operations, and preparing weekly COVID-19 reports for accurate comparison across vaccination groups.
- Analyzed historical trends in cases, hospitalizations, and deaths by vaccination status (Unvaccinated / Vaccinated / Boosted) using Python, uncovering clear patterns of risk reduction associated with full vaccination and booster doses.
- Built insightful visualizations (line charts, log-scale boxplots, donut charts) to effectively communicate outcome disparities, enabling data-driven interpretation of vaccine effectiveness and public-health implications.

CERTIFICATES

- Elite Certification | Cloud Computing | NPTEL **| [Link]**   Oct' 25
- Data Structure and Algorithm using Java Programming | Cipher Schools | **[Link]**   July' 25
- ChatGPT-4 Prompt Engineering: ChatGPT, Generative AI & LLM | Infosyspringboard | **[Link]**   Aug' 25

EDUCATION

- **Lovely Professional University**   Phagwara, Punjab
  Bachelor of Technology   Aug' 23 – July' 27
  Computer Science and Engineering; CGPA: 7.11

- **Jawahar Navodaya Vidyalaya**   Gopalganj, Bihar
  Intermediate; Percentage:71.2%   Apr' 20 – Mar' 22

- **Gyanada International School**   Chhawahi Kash, Gopalganj, Bihar
  Matriculation; Percentage:76.2%   Aug' 19 – Mar' 20