Anmol Kumar

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SKILLS

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

PROJECTS

Energy-Efficient CPU Scheduling | GitHub | Link   Apr' 25

- Developed a CPU scheduling algorithm in Python to minimize energy consumption while maintaining performance.
- Implemented classical algorithms (FCFS, SJF, Priority, RR) and an Energy-Aware Scheduler using DVFS.
- Integrated data visualization to display Gantt charts, CPU frequency graphs, and power consumption analysis.
  Tech Stack Used :- Python (Matplotlib, Tkinter).

Analysis of Mental Health Early Detection System Using Social Media Behaviour | GitHub | Link   Apr' 25

- Developed a project on early detection using social media behavior.
- Cleaned and analyzed data to remove noise.
- Extracted features such as age, gender, and interests.
- Applied NLP and sentiment analysis to study emotions.
- Created visualizations using graphs and word clouds.
  Tech Stack Used :- Python (Pandas, Numpy, Matplotlib, Seaborn)

TRAINING

CipherSchools (Edtech Company)
Data Structure and algorithm using Java Programming   Jun' 25

- Completed an intensive training program focused on core and advanced Data Structures and Algorithms (DSA) using Java.
- Practiced solving real-world algorithmic problems including arrays, linked lists, stacks, queues, trees, graphs, sorting, searching, and recursion.
- Strengthened problem-solving ability through hands-on coding sessions, time-complexity analysis, and structured practice.
- Built small Java-based implementations of DSA concepts to understand internal working of data structures.

Event Reminder System | GitHub | Link

- Developed a JavaFX desktop application to add, remove, search, and manage event reminders.
- Designed an object-oriented Event model and implemented efficient file-handling for storing and retrieving reminders.

  Tech Stack Used :- Java, JavaFX, OOP

CERTIFICATES

- Elite Certification | Cloud Computing | NPTEL | Link   Oct' 25
- Data Structure and algorithm using Java Programming | CipherSchools | Link   July' 25
- Chatgpt -4 Prompt Engineering: ChatGPT, Generative AI & LLM | Infosyspringboard | Link   Aug' 24

ACHIEVEMENT

- Secured 3rd position in CodeOffDuty Hackathon.

EDUCATION

- **Lovely Professional University**   Phagwara, Punjab
  Bachelor of Technology   Aug' 23 – July' 27
  Computer Science and Engineering; CGPA: 7.76

- **Jawahar Navodaya Vidyalaya**   Gopalganj, (Bihar)
  Intermediate; Percentage:76.2%   Apr' 20 – Mar' 22

- **Sanskar Bharti Global School**   Phulparas, Madhubani (Bihar)
  Matriculation; Percentage:92.5%   Apr' 19 – Mar' 20