Partik Singh Lingwal

prateeklingwal007@gmail.com / *LinkedIn*/ GitHub

EDUCATION

Kendriya Vidyalaya IMA, Dehradun   Premnagar, Dehradun

Senior Secondary (CBSE)   *2023*

Graphic Era Hill University   Dehradun, Uttarakhand

Bachelor of Technology in Computer Science and Engineering   *2023 - 2027*

TECHNICAL SKILLS

Languages: C, C++, Java, Python, HTML, CSS, Javascript
Developer Tools: Git, GitHub
Databases: Oracle SQL
Areas of Interest: Generative AI, Machine Learning

SOFT SKILLS

Problem-Solving & Analytical Thinking
Adaptability & Quick Learning
Communication & Collaboration
Time Management & Organization
Attention to Detail

PROJECTS

Warehouse Management System | *Java, CSS, React*
- Built a **Smart Warehouse Management System** that optimizes the storage and retrieval of goods using intelligent algorithms.
- The system allows admin and user-level access, generates optimized placement paths, and tracks item availability in real-time.
- This project not only digitizes warehouse operations but enhances them with algorithmic intelligence for realworld impact.

SecureX File Storage and Sharing | *Flutter, Node.js, Firebase*
- Developed a Secure File Storage System that offers client-side encryption using AES-256 and RSA, ensuring that sensitive files are encrypted before uploading to the cloud.
- This ensures data privacy and protection against unauthorized access, even from cloud providers.

Sorting Visualizer | *HTML, CSS, JavaScript*
- Developed an interactive web-based tool to visualize and demonstrate various sorting algorithms such as Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, and Quick Sort.
- Implemented animations and dynamic controls for array size, sorting speed, and algorithm selection.
- Improved algorithm understanding for users through step-by-step visual representation.

ACHIEVEMENTS

- Developed multiple Java-based projects, including a job machine system and a scheduling tool
- Implemented end-to-end machine learning models for classification and prediction using Python(Scikit-learn, NumPy, Pandas).
- Collaborated within a 3-member development team to design and deploy a full-stack web application.

CERTIFICATE

- Python for Data Science – Coursera, 2024
- Machine Learning by Andrew Ng –Acmegrade | Completed in 2025