

ANKUSH

LinkedIn: <https://www.linkedin.com/in/pahalankush/>
GitHub: <https://github.com/ankushpahal-12>

Email: ankushpayal58@gmail.com
Mobile: +91-8571064140

SKILLS

- **Languages:** Python, C++, SQL, Java, C
- **Frameworks:** TensorFlow, Open-CV, Scikit-Learn, Html, Css, JavaScript
- **Tools/Platforms:** FastAPI, Seaborn, Google Cloud Console
- **Soft Skills:** Problem-Solver, Team Player, Project Management, Adaptability

PROJECTS

Deep Face Verify -Real Time Face Recognition | [GitHub](#) June 2025-July 2025

- Delivered real-time face recognition system that achieved high accuracy and include advance liveness detection to prevent spoofing attempts.
- Ensured the security of sensitive biometric data by using HTTPS/WSS for transmission and applying strong encryption for storing facial embeddings.
- Implemented a full-stack MVC architecture where the frontend captured live video through WebRTC, and the Python/Flask backend handled all processing and system logic.
- Technology used: Python, Computer Vision, Deep Learning, Flask, Html, css, JavaScript

Memory Management Visualizer- Dynamic Memory Allocation Stimulation | [GitHub](#) March 2025- May 2025

- Delivered a high-fidelity visual simulator that accurately models core operating system memory management concepts, including Paging, Segmentation, and Virtual Memory.
- Executed FIFO and LRU algorithms across Paging, Segmentation, and Virtual Memory modes.
- Facilitated step-by-step performance analysis by tracking page faults, allocation failures, and swap operation
- Technology used: Python, PyGame, Requests.

TRAINING

Adult Income Prediction | [All Soft Solutions](#) | [GitHub](#) June 2025 – July 2025

- Designed and implemented a Machine Learning classification model to accurately predict income levels based on demographic data.
- Performed extensive data cleaning, Exploratory Data Analysis (EDA), and feature engineering, including the transformation of complex categorical variables.
- Applied and compared multiple supervised learning algorithms (e.g., Decision Trees, Logistic Regression) to select the optimal predictive solution.
- Rigorously assessed model performance using industry-standard metrics like Accuracy, Precision, and Recall to validate and fine-tune results.
- Technology used: Python, Jupyter notebook, Pandas, NumPy, Matplotlib, Seaborn

CERTIFICATES

- Python For Data Science | [IBM](#) June 2025 – July 2025
- The Bits and Bytes of Computer Networking | [Google](#) September 2024- December 2025
- Peer-to-Peer Protocols and Local Area Networking | [Coursera](#) September 2024- December 2025

Extra Curriculum Activities

- NCC – A certificate
- Certification of Appreciation | [Certificate](#)

EDUCATION

- **Lovely Professional University**, Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering
CGPA: 6.01 Since August 2023
- **Dronacharya Sr Sec School**, Jhajjar, Haryana
Intermediate; **Percentage: 84.4%** April 2022 - March 2023
- **Dronacharya Sr School** Jhajjar, Haryana
Matriculation; **Percentage: 82.6%** April 2019 - March 2020