Kanhaiya Lal

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Projects

|| **AnimeGANTrainer** || Project link : https://lnkd.in/gbSpiusK   **Jan 2025 - Feb 2025**

- Implemented and trained a placeholder Variational Autoencoder (VAE) structure for generating anime-style facial images from a preprocessed dataset.
- Outlined a project framework for generating anime-style faces using a Variational Autoencoder (VAE) and GAN.
- Includes steps for dataset acquisition, image preprocessing (resizing, splitting), and a structured training loop.
- Uses a placeholder VAE for implementation, establishing the pipeline for future development of a complete generation model.

||**Finance Ai Assistant** || **Mar 2024 – April 2024**

- Developed a comprehensive financial management application using Python, Streamlit, and Firebase, integrating real-time stock market data through TradingView API.
- Features which System uses intelligent budget tracking, expense analysis, and bill management with automated savings calculations.
- Implemented secure user authentication, encrypted data storage, and multi-user support using Firebase Authentication and Firestore.
- Enhanced user experience with interactive dashboards, voice commands, and personalized financial insights, resulting in efficient money management and informed financial decision-making.
- **Technologies:** *Python, Streamlit, Firebase, TradingView API, NLTK, Plotly*

Certifications

Workshop on Containers and AI/ML on AWS Cloud by AWS at IIT Roorkee	**March 2024**
Complete Machine Learning & Data Science Program	**July 2024**
Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate	**July 2024**
Full Stack Data Science Developer Course from scratch	**August 2022**

Technical Skills

Languages: C, C++, Java, JavaScript, Python

Technologies/Frameworks: Spring Boot, Shell Scripting, React JS, Git, GitHub, Kali, MongoDB, JSP

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in Python, OS, Networking

AI & ML: Machine Learning, NLP, Deep Learning, Computer Vision, LLM, Gen Ai

Education

Lovely Professional University, Punjab	**2022 – Present**
Computer Science and Engineering	*Jalandhar,Punjab*
Central Board of Secondary Education	**2019 – 2021**
Senior Secondary (PCM)	*Sadulpur, Churu, Rajasthan*
Central Board of Secondary Education	**2018 – 2019**
Higher Secondary	*Sadulpur, Churu, Rajasthan*

Extracurricular / Achievements

- Reached semi-finals in state level football, hosted by a private club   **Jaipur, 2020**
- Won finals in district level football, hosted by private school   **Churu**, **2019**
- Japanese- Reading: 66%, Speaking: 60%, Writing: 66% (Conversational level proficiency)
- English: Working level proficiency
- Hindi: Working level proficiency