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](https://hyperstack.id/credential/155dd044-0e6c-42d0-abc6-ec0e0a1f3104) **March 2024**

[Complete Machine Learning & Data Science Program](https://media.geeksforgeeks.org/courses/certificates/9d6e337822df251c3e2aab610cfbc2a9.pdf) **July 2024**

[Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate](https://www.linkedin.com/posts/kanhaiya-aggarwal_oracle-oci-ai-foundations-associate-certificate-activity-7210637933463187456-ssHH?rcm=ACoAACEbvTQBf0IRnn3aFKJvWgPv-aVC8PH32Sk)  **July 2024**

[Full Stack Data Science Developer Course from scratch](ude.my/UC-dda2f2db-c1ee-4e7a-83ce-478f58975b90) **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