Adarsh

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SKILLS

- **Languages**:   C++, JavaScript, C, Python, Java
- **Frameworks**:   HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms**: MySQL, MongoDB
- **Soft Skills**:   Project Management, Team Collaboration, Leadership, Innovative Thinking

INTERNSHIPS

Data Assistant Task, Fiverr Company   Dec 2024–Mar 2025
Freelancer

- **Project Overview:**   Processed **1M+ data points** with **99% accuracy**; analyzed **500K+ records** using **Excel** & **SQL**.
- Built **10+ interactive dashboards**, boosting **cross-team decision-making**.
- Resolved **95% of data issues**, improving **operational efficiency**.
- **Skills: Deep Learning**, **Data Analysis**

Machine Learning Task, Fiverr Company   May 2024–Sept 2024
Freelancer

- **Project Highlights:** Developed and **fine-tuned 10+ machine learning models** for customer segmentation, achieving up to **95% accuracy.**
- Deployed **ML solutions in production systems,** resulting in a **30% improvement** in operational efficiency.
- Optimized models for **precision, recall, and F1 score,** reaching **F1 scores up to 0.92** in critical use cases**.**
- **Skills: Deep Learning, NLP, Data-Driven Decision Making.**

PROJECTS

Chess Game Predictor, Move predicting: Sept 2024–Nov 2024
- Designed and implemented a machine learning model achieving 90%+ accuracy in predicting **optimal chess moves**, trained on a **large-scale dataset** of over 1 million **historical games**.
- Optimized a **chess engine**'s strategic decision-making by integrating **real-time board evaluation** using advanced **reinforcement learning (RL)** techniques, resulting in a 30% enhancement in its **Elo rating**.
- Leveraged **cutting-edge reinforcement learning algorithms** to elevate decision-making capabilities, achieving a 30% improvement in model **performance**.
- **Skills: Deep Learning**, **Reinforcement Learning**, **Game AI**, **Model Optimization**

Chat Message Analysis, Chat analysis: Aug 2024–Sept 2024
- Engineered an advanced NLP model for **sentiment analysis**, **spam detection**, and **intent recognition**, achieving **95%+ accuracy** across various tasks.
- Processed over **500K samples**, employing techniques such as **TF-IDF**, **tokenization**, and sophisticated **text preprocessing pipelines** to enhance model performance and data quality.
- Boosted robustness by **30%** via **cross-validation** and **real-time testing**.
- **Tech Stack: Python**, **Scikit-learn**, **NLTK**, **SpaCy**, **TF-IDF**
- **Skills: NLP**, **Text Classification**, **Model Evaluation**

Movie Recommendation System , Computer Vision: Sept 2023–Nov 2023
- Created a movie recommendation system leveraging facial emotion detection (with 90%+ accuracy) and poster similarity analysis (85%+ match).
- Boosted recommendation accuracy by **30%** through **emotion recognition**, **poster analysis**, and **filtering**.
- Built the system with TensorFlow, OpenCV, and Flask for seamless integration and high performance.
- **Skills: Deep Learning**, **Computer Vision**, **Recommendation Systems**, **Full-Stack Development**

CERTIFICATES

Cloud Computing - NPTEL	Aug 2024 – Nov 2024
Complete Java Certificates from LPU.	May 2024 – Jun 2024
Machine learning Certificates - Academe's	May 2024 – Jun 2024
Data Science Certificates - LinkedIn	May 2024 – Jun 2024

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering   Since August 2022
- **Kendriya Vidyalaya Paschim Vihar**   Delhi, India
  Senior Secondary School Certificate (12th Grade), **Percentage: 75%**   Jul 2020 – Jul 2021
- **Kendriya Vidyalaya Paschim Vihar**   Delhi, India
  Secondary School Certificate (10th Grade), **Percentage: 85%**   Jul 2018 – Jul 2019