

# 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**; analysed **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

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