Meet Adlakha

(+91) 8827012222 | meetadlakha1@gmail.com | linkedin.com/in/Meet Adlakha | github.com/meet0124

EDUCATION

VIT Bhopal University — Bhopal, MP
Bachelor of Technology in Computer Science and Engineering – CGPA: **8.96** — *Nov 2022 – Present*

Delhi Public School Kolar Road Bhopal (CBSE) — Bhopal, MP
Senior Secondary (12th) **95.4%** — *March 2022*

Delhi Public School Kolar Road Bhopal (CBSE) — Bhopal, MP
High School (10th) **91%** — *March 2020*

TECHNICAL SKILLS

C++ , Python , HTML , CSS , Javascript , MySQL, Git/GitHub , Nodejs , ReactJS , Express , AWS , Git, GitHub , MySQL , MongoDB

PROJECTS

Moneo Insights | ReactJS , Chart.js , Tailwind CSS *Oct 2024*
- Developed the user interface with React.js, leveraging Context API for efficient state management.
- Implemented responsive and modern styling using CSS / Tailwind CSS.
- Utilized React Hooks to streamline component logic and enhance application performance.
- Integrated Chart.js for dynamic data visualization and employed LocalStorage for persistent transaction data.

Project Satya: Fake News Detection | Python, scikit-learn, NLP Algo , Flask *Dec 2024*
- Developed a Fake News Detection application leveraging Machine Learning algorithms and Natural Language Processing (NLP) techniques.
- Designed and implemented the user interface using Flask, enabling users to input text for analysis.
- Utilized NLP methods for text preprocessing, feature extraction, and identifying linguistic patterns indicative of fake news.
- Future scope includes integrating deep learning models (e.g., Transformers) and exploring multi-modal analysis for enhanced detection capabilities.

Deep Convolutional Q-Learning for Pac-Man | Python, PyTorch, Gymnasium *March 2025*
- Developed a Deep Reinforcement Learning (DRL) agent for MsPacman, implementing a Deep Convolutional Q-Network (DCQN) with PyTorch.
- Managed experience replay buffers and fine-tuned hyperparameters for robust learning within the Gymnasium environment.
- Successfully trained an AI agent to navigate and score in MsPacman, demonstrating effective decision-making through learned policies.

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification – Deeplearning.AI Sept 2024
AWS Solutions Architect Associate Cert. Program – Ethnus April 2025

ACHIEVEMENTS

- Reinforcement Learning: Implemented Deep Q-Learning agents for classic control tasks (Pac-Man, Lunar Lander) using PyTorch/TensorFlow, optimizing reward strategies.
- LLM Fine-Tuning: Adapted open-source language models for domain-specific applications through prompt engineering and parameter-efficient tuning.

EXTRA-CURRICULAR

- **Event Management Team Member** , Coordinated several successful events, including a national-level gathering with over 1,200 participants at VIT Bhopal University.
- **Coordinator** , Cultural and Sports Events - Planned and executed campus-wide cultural and sports events at university level at VIT Bhopal University.
- **Hobbies** - Passionate about playing football, badminton, dancing, and trekking; actively engaged in creative and recreational activities for personal enrichment.