ARYA PUTATUNDA

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EDUCATION

Bachelors of Technology, Computer Science and Engineering — Attending
Delhi NCR , Ghaziabad, 201204 — 8.47 CGPA
SRM Institute of Science and Technology
Relevant coursework: Operating Systems, Computer Architecture, Data Structures and Algorithms, Programming in C, Object Oriented Programming, Artificial Intelligence.

Higher Secondary Education — 04/2020 - 03/2022
Kolkata , SaltLake, Sector I, FA Block, 700097
Bhavans Gangabux Kanoria Vidya Mandir
Relevant coursework: PCM or Physics, Chemistry , Maths, Computer Science.

Secondary Education — 03/2020
Kolkata , SaltLake, Sector I, FA Block, 700097 — 83 percent
Bhavans GangaBux Kanoria Vidya Mandir
Relevant coursework: Science, Mathematics, Computer Applications.

TECHNICAL SKILLS

Artificial Intelligence and Machine Learning: LLM, Langchain, OpenAI, Google Gemini, CNN, Computer Vision, Pose Estimation, Tensorflow, Keras, Neural Networking, MediaPip, PyTorch, Scikit Learn.
FrontEnd Development: HTML, CSS, JavaScript,Android Studio.
BackEnd Development: Django, REST Framework, Android Studio, Apache Kafka, Apache Flink, PostGre SQL.
Programming: Python, C, C++
ToolKit: Python, C, C++, SQL, Java, IntelliJ Idea, HTML, CSS, Jupyter, Linux, Git/GitHub, Git Bash, Ruby, Ubuntu
Certifications: Google IT Automation in Python, Meta FullStack, Meta Back-End Developer, Google TroubleShooting and Debugging, Google Configuration Managment and the Cloud, Using Python for Interacting with OS by Google .

EXPERIENCE OR PROJECTS

LLM and Image model app using Google-Gemini — 11/2023 – 12/2023
Collaborated with a team of 2 for building this robust LLM model using Gemini API.

- **GitHub Link:** Click Here to access the repository !
- **Technology Used:** Python, Google Gemini, NLP, LLM, OpenAI, Gemini API, Gemini Pro Vision, Streamlit.
- Users can engage in conversations with the app by typing natural language queries.
- Users can have interactive conversations with the app, receiving information and assistance in real-time.

Self Driving Cars Using JavaScript and Neural Networking and Machine_Learning — 08/2023 – 09/2023
Particularly a solo project for Deep Learning of CNN and JavaScript

- **GitHub Link:** View my Repository !
- **Technology Used:** JavaScript, CNN, Tensorflow.
- Fixed the bug in neural linking in CNN
- This is the typical approach for training self-driving car models. It involves providing the algorithm with labeled training data, where the correct output is known.
- In the context of self-driving cars, the problem is often formulated as a regression task where the model predicts a continuous value based on input features

Pose Estimation with Python and MediaPipe | Plus AI Gym Tracker Project — 10/2023 – 11/2023
This project is a collaboration with a group of 3 people for creating an effective exercise tracker.

- **GitHub Link:** Visit the Repository !

- **Technology Used:** Python, OpenCV, Mediapip, TensorFlow.
- Continuously process video frames to obtain the user's pose using the pose estimation model.
- Use the MediaPipe Pose module to initialize the pose estimation model. .
- Access the user's webcam or camera to capture live video feed.

Reinforcement Learning in Gaming Technology (DOOM 3D)   08/2023 – 11/2023
Lead a team of 3 people for creating an effective Machine Learning model for clearing the level efficiently.

- **GitHub Link:** View the Repository !
- **Technology Used:** Python, CNN, TensorFlow, VizDoom, Keras, PyTorch.
- Directed my team to create an environment which utilizes Doom as the 3D gaming environment. Set up the necessary libraries and frameworks to interact with the game.
- Implement a reinforcement learning agent that learns to navigate the game environment, make decisions, and achieve specific objectives.
- Define the actions available to the agent. This could include movements, shooting, and any other relevant actions within the game.

CODING PROFILES AND PORTFOLIO

Portfolio :
- My active portfolio published on GitHub connecting to all of the recent active profiles.
- Click on this link to visit my portfolio [Arya's Portfolio (movazed.github.io)]

LinkdIn :
- My LinkdIn profile with all current achievements and details .
- Click on this link to visit my profile [linkedin.com/in/arya-putatunda-002b40261]

LeetCode :
- Beginner DSA Problem Solver at Leet Code : [https://leetcode.com/arya6v9000/]

GeeksForGeeks :
- Top 50 in my institute at Problem Solving: [https://auth.geeksforgeeks.org/user/arya6vr6kv/practice]

CodeForces :
- Newbie in CodeForces with 780 peak : [https://codeforces.com/profile/Movazed]

GitHub :
- My projects and Repositories : [https://github.com/Movazed]

POSITION OF RESPONSIBILITIES AND OTHER WORK EXPERIENCE

Google Developer Student Club AI/ML Core Member   08/2023 – Present
Coordinated and Organized Multiple events , with good speaking skills.

HackHound MLH AI/ML Core Member   07/2023 – Present
Works and collaborates with the Lead, to conduct hackathons all over India Under MLH(Major Hacking League).

InternShala Student Partner   07/2023 – 01/2024
Led various promotions and advertisements on behalf of Internshala.

Open-Source Contributor In GitHub TensorFlow Repository   05/2023 – 07/2023
Open-Source Contributor in TensorFlow Repository GitHub.
- Imporved the frame work of Bazel and made updations.

Qualified Till Round 2 at SAP (Student Abroad Program) at UC-Berkley   05/2023 – 07/2023
Selected and Cleared the SAP for UC-Berkley for the duration of single semester.