Sai Shashank Narang

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Skills

- **Languages**: Python, Java, C#
- **Domains**: Machine Learning, Cloud Computing, Game Development
- **Frameworks**: TensorFlow, PyTorch, scikit-learn
- **Tools/Platforms**: Colab, PyCharm, AWS, Unity, Unreal Engine, Blender
- **Soft Skills**: Leadership, Team management, Perseverance, Adaptability

Training

- **Summer Training on Machine Learning and Data Science** May 2024 – July 2024
  GeeksForGeeks
  - Core Machine Learning Concepts: Like introduction to machine learning, Natural Language Processing, Computer-vision, Reinforcement Learning.
  - Advanced Machine Learning Concepts: Like Deep Learning, Neural Network, Clustering, Generative modeling, Recommender systems.

Projects

- **Tag game**: March 2025
  A 3D game that uses machine learning principles along with Unity engine to run a 3D simulation of the game, this is trained based on Deep Reinforcement Learning. We train the tagger until it gets good enough to tag the player, and we can also turn the player into a tagger, while the entity becomes the runner. The concept of this idea goes even deeper into the simulation based 3D testing unlike my previous project which was 2D and had very limited use case. We use blender to make the objects, Unity engine to run it.
  Tech: Unity, Blender, Machine Learning

- **Reinforcement learning game ai:** October 2024
  A Reinforcement learning based game, where we have a character that learns as more training cycles progress. This involved mainly dodging dynamic entities and reaching one goal entity. This type of technology is also used in automated self-maneuvering technology, like the self-driving cars from tesla.
  Tech: PyCharm, Machine Learning

- **Cancer cell detection system**: February 2024
  A cancer cell detection system is a way for us to identify cancer cells based on the attributes of a cell. We classify the cell into two categories, Benign, which is a non-cancerous cell, and Malignant which is a cancerous cell. In this project I have attained the accuracy of 97.87% in comparison to similar research done by IIT professors, who achieved 92% accuracy.
  Tech: Google Colab, Kaggle, Machine Learning

Certificates

- DevOps - CipherSchools — February 2025
- Cloud Computing - NPTEL — October 2024
- Complete Machine Learning & Data Science Program - GeeksForGeeks — July 2024
- Prompt Engineering Specialization - Coursera — March 2024

Education

- **Lovely Professional University** — Phagwara, Punjab
  Bachelor of Technology - Computer Science and Engineering; ***CGPA: 7.01*** — *2022-2026*
- **Urban Junior College** — Hyderabad, Telangana
  SSC; ***Percentage: 70.1%*** — *2020-2022*
- **Vignana jyothi public school** — Hyderabad, Telangana
  CBSE; ***Percentage: 82%*** — *2020*