Hyderabad
Telangana(500089)

TARUN NAGA VENKATA DURGA SAIKUMAR M
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Experience

Machine Learning Intern | **Indian Servers** | **March 2022 - May 2022**

- Build expertise in data preprocessing, cleaning, and visualization techniques using Python and popular data science libraries.
- Handling the intricacies of lung cancer detection, I honed my skills in managing and analyzing diverse datasets, contributing to a comprehensive understanding of the field.
- Managing various machine learning techniques, including supervised and unsupervised learning, regression allowed me to gain practical experience.

DataScience Intern | **Oasis Infobyte** | **January 2023- February 2023**

- Developed a deep understanding of activation functions, loss functions, and optimization algorithms, tailoring them to suit different problem domains.
- Stayed abreast of the latest advancements in the field of artificial intelligence and machine learning, attending conferences, participating in online forums, and engaging in continuous learning.
- Engaged in collaborative problem-solving, providing mentorship and knowledge sharing within the team.

Technological Skills

Software Development Engineering (2 years)

Programming Languages :	C,Java,Python
Data Structures :	Array, String, Tree, Graphs, Trie, Binary search Tree, BInary Tree, Recursion, Stack
System Design :	OOPs,SOLID, (HLD & LLD)
DataBase Management :	Sql,NoSql ,Hadoop
Machine Learning :	Numpy, Pandas, Scikt
Linux :	Networking, File system ,LVM, Troubleshooting, Protocols
Cloud Development :	AWS Certified Solutions Architect -Trained
CS Fundamentals :	Operating System, Networking, DBMS,Computational Mathematics
Containerization :	Docker, ECS, ECR
Other Skills :	Git

Projects

- **CryptoCurrency Price Analysis using LSTM:** Built a long short-term memory (LSTM) model to improve prediction accuracy by considering the temporal nature of cryptocurrency price movements with an interface on the web.
  Technologies Used: Python, Django, Sql, GitHub, Apache server.
- **Lung Cancer Detection Using CNN :** Built and trained a CNN model with multiple convolutional and pooling layers to identify patterns in CT scan images and classify them as either cancerous or noncancerous.
  Technologies Used: Python, Google Colab.

Certifications

- Azure Fundamentals (AZ-900) — Microsoft
- Ethical Hacking — NPTEL
- Machine Learning — Coursera(Stanford)

Education

Andhra Loyola Institute of Engineering and Technology	Bachelors of Technology (Computer Science and Engineering)	7.73	(2019-2023)