

Podishetty Laasyakshara

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🌐 [Laasyakshara](#)

🔗 [laasyakshara25](#)

🌐 [Portfolio-Website](#)

Education

Vignana Bharathi Institute of Technology

Nov 2022 – May 2026

Bachelors of Technology in Computer Science and Engineering

- GPA: 8.9
- **Coursework:** Data Structures, Operating Systems, Database Management System, Design and Analysis of Algorithms, Data Analytics, Data Mining, Computer Architecture.

Experience

coding.Studio();

Hyderabad, India

Software Development Engineer III

March 2024 - Present

- Managed the complete life-cycle of a dynamic full-stack project, from strategic planning and design to testing and ensuring high-quality, seamless user experiences.
- Collaborated with a team of developers to integrate advanced features and optimize performance, driving functionality and responsiveness across platforms.

EpsilonPi

Hyderabad, India

Junior Associate

July 2024 - Present

- Conceived and developed innovative projects leveraging Machine Learning and AI to solve complex real-world problems.
- Collaborated seamlessly with 14 team members, including 5 data scientists, 3 data analysts, and 5 Machine Learning engineers to proficiently address various technical challenges and ensure flawless project execution.

Projects

Flappy Bird AI Using NEAT Algorithm

- Developed an AI agent using the NEAT (NeuroEvolution of Augmenting Topologies) algorithm to evolve neural networks and improve gameplay performance in the Flappy Bird game.
- Implemented a fitness function to reward survival and pipe-passing, driving continuous AI improvement across generations.

CO2 Emissions Forecasting Using Regression

- Implemented a research paper on CO2 emissions prediction from scratch using multiple regression models, including Random Forest, Linear Regression, and XGBoost.
- Achieved 99.67% accuracy with Random Forest Regressor, improving model performance by 1.24% by applying advanced feature engineering, scaling, and preprocessing techniques such as handling missing values and one-hot encoding.

Face Recognition using Haar Cascade

- Developed a face detection solution using OpenCV's Haar Cascade classifier in Python, enabling accurate identification of faces in images and videos.
- Leveraged pre-trained Haar Cascade features to build an optimized and scalable object detection system.

Technical Skills

Programming Languages: Python, Java, C, C++, JavaScript, TypeScript, HTML/CSS, SQL

Professional Skills: Machine Learning, Artificial Intelligence, Competitive Programming

Developer Tools: VS Code, Jupyter Notebook, Git, GitHub

Technologies/Frameworks: TensorFlow, scikit-learn, Numpy, pandas, React, FireBase, LiveKit, Streamlit, openCV

Extracurricular/ Certifications

Palo Alto Cybersecurity Virtual Internship AICTE, 2024

IIT Hyderabad Remarkskill: Artificial Intelligence and Machine Learning Workshop

PCAP: Programming Essentials in Python

Network Technician Career Path: Cisco Networking Academy

Google Crowdsource VBIT Buildathon, 2023