**Narasimha Naidu Nagam**

**Machine Learning Trainee**

Email: [<nagamnaidu3@gmail.com>] | Phone: +91 9492252452, +91 9515874452

LinkedIn: [[https://www.linkedin.com/in/nagam-narasimha-naidu-836a92176/](https://www.linkedin.com/in/nagam-narasimha-naidu-836a92176/)](https://www.linkedin.com/in/nagam-narasimha-naidu-836a92176/%5D(https://www.linkedin.com/in/nagam-narasimha-naidu-836a92176/)) GitHub:[[https://github.com/NagamNaidu](https://github.com/NagamNaidu)](https://github.com/NagamNaidu%5D(https://github.com/NagamNaidu))

**Objective**

To secure a position as a Machine Learning Trainee, leveraging strong foundations in AI/ML, data preprocessing, model deployment, and automation workflows. Passionate about building real-world AI solutions using Python, Streamlit, Flask, Docker, and Kubernetes.

**Technical Skills**

**Programming Languages:** Python, JavaScript

**Web Development:** HTML, CSS, ReactJS, Tailwind CSS, Streamlit, Flask

**Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow

**Tools & DevOps:** Git, GitHub, Docker, Kubernetes, Visual Studio Code, Jupyter Notebook

**Experience**

Software Engineer (Trainee) – Lyros Technology Pvt. Ltd | Jan 2025 – Present

**A. Data Collection & Processing:**

\* Assisted in collecting, cleaning, and structuring datasets for AI/ML training.

\* Ensured data integrity and optimized workflows for preprocessing.

**B. ML Model Development & Testing:**

\* Supported training and evaluating ML models like Logistic Regression and Random Forest.

\* Developed interactive demos for disease prediction and patient dataset preprocessing.

**C. AI Application Optimization:**

\* Contributed to analysis and improvement of deployed AI applications.

\* Integrated Docker and Kubernetes to scale ML solutions.

**D. Research & Experimentation:**

\* Explored new ML techniques for dataset handling and model efficiency.

**E. Automation & Workflow Enhancement:**

\* Automated repetitive tasks in the ML pipeline using scripts.

\* Integrated with DevOps tools for smoother deployment.

**F. Documentation & Reporting:**

\* Maintained clear documentation of experiments, codebases, and performance metrics.

**G. Collaboration & Team Support:**

\* Participated in team discussions, contributed to project ideas, and supported cross-functional efforts.

**Projects**

**Patient Dataset ML Preprocessing Tool**

\* Built a tool in Streamlit for uploading datasets and applying preprocessing techniques.

\* Supported feature scaling, encoding, and imputation with visualization and download options.

**Iris Dataset Classifier (Flask App)**

\* Built a Flask web app using a Random Forest model for flower classification.

\* Enabled real-time predictions based on user input.

**Other Experience**

Over 4 years of oil and gas experience in offshore operations, instrumentation, and equipment maintenance. Hands-on roles in process safety, calibration, and well operations.

**Education**

B.Tech in Petroleum Technology Engineering from Aditya Engineering College (2015–2019) with 75%.