

Trivendra Rahi

Mobile: +91-706843851
Bengaluru, Karnataka, India

Email: trivendra.rahi05@gmail.com [linkedin.com/in/trivendra-rahi](https://www.linkedin.com/in/trivendra-rahi)

EDUCATION

- IIT Guwahati** Guwahati, Assam
MTECH in Mechanical Engineering 2020-2022
- Shri G.S. Institute of Science and Technology** Indore, M.P.
BTECH in Mechanical Engineering 2016-2020

EXPERIENCE

- GE Aerospace** Bengaluru, India
Senior Data Scientist — Fleet Analytics July 2024 - Present
 - Led Development:** Led end-to-end development of machine learning models to predict hardware conditions.
 - Collaborated:** Collaborated with stakeholders to align analytics with business goals and define success criteria.
 - Data Analysis:** Conducted data preprocessing, validation, and exploratory analysis.
 - Model Deployment:** Achieved a 15% increase in success criteria for a key analytics project.
- GE Aerospace** Bengaluru, India
Edison Engineer — Image Analytics January 2024 - July 2024
 - CNN Architectures:** Developed and optimized CNN architectures (VGG16, InceptionNet, ResNet, UNet) using TensorFlow.
 - Model Pipeline:** Delivered a new model training and inference pipeline using Keras, improving model development time by 30%.
 - Image Processing:** Utilized OpenCV for advanced image processing tasks.
- GE Aerospace** Bengaluru, India
Edison Engineer — Fleet Analytics August 2022 - December 2023
 - Analytics Pipeline:** Developed a full analytics pipeline for the Long Haul Analytics team.
 - Cost Reduction:** Implemented machine learning models that reduced maintenance costs by 15%.
 - Physics-based Modeling:** Improved physics-based modeling, leading to a significant reduction in maintenance burden.
 - Outlier Detection:** Developed standard method of outlier detection and removal.

SKILLS

- Programming Languages:** Python (Advanced), SQL, R
- Machine Learning:** TensorFlow, Keras, Scikit-learn, Pandas, NumPy
- Data Visualization:** Matplotlib, Seaborn, Plotly
- Tools:** Excel, Dataiku, Github, Matlab, JMP, Spotfire
- Skills:** Machine Learning, Statistical Data Analysis, Computer Vision, Time Series Analysis, Predictive Analytics, Data Wrangling, Mechanical Engineering, Artificial Neural Networks, Data Visualization

CERTIFICATIONS

- Google:** Foundation: Data, Data, Everywhere; Ask Questions to Make Data-Driven Decisions
- DeepLearning.AI:** Neural Network and Deep Learning; Convolutional Neural Network
- Udemy:** Python for Data Science and Machine Learning Bootcamp; 100 Days of Code – The Complete Python Pro Bootcamp

ACTIVITIES AND INTERESTS

- Chess, Video Games, Table Tennis, Travelling, Documentaries