

# Hitesh S

Entry-Level Machine Learning Engineer — Data Science — AI Enthusiast

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## Objective

Motivated and detail-oriented AI and ML student seeking an opportunity to learn skills in machine learning and data science. Eager to contribute to real-world AI projects, collaborate in dynamic teams, and grow as a Machine Learning Engineer or Data science AI field.

## Education

- B.E. in Artificial Intelligence and Machine Learning**  
Mysore University School of Engineering, Mysuru 2023 – 2025
- Junior Engineering**  
JSS Polytechnic Mysuru 2019 – 2021
- SSLC (Secondary School Leaving Certificate)**  
Marimallappa's High School, Mysuru 2017 – 2018

## Technical Skills

- Programming Languages:** Python, C, C++, RPA, Java
- Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Sklearn
- Tools & Technologies:** Jupyter Notebook, Google Colab, VS Code, Microsoft Power Automate Desktop
- Office Tools:** MS Excel, MS Word, MS PowerPoint

## Projects

### 1. Wine Quality Prediction using Machine Learning

- Exploratory Data Analysis + ML Model Building. Conducted statistical analysis and feature engineering on the Wine Quality dataset to understand factors affecting wine quality.
- Implemented regression models (Linear Regression, Random Forest, decision tree)

### 2. Loan Repayment Prediction

- Developed a classification model using a Decision Tree to predict loan repayment status based on features like credit score, payment history, and house number.
- Achieved high accuracy by training and testing the model on a real-world dataset. applied data preprocessing and model evaluation using metrics like accuracy score to validate performance

### 3. Medical Image Segmentation for PTB Using Deep Learning Approaches

- Performed data analysis and visualization on chest X-ray metadata (gender, PTB status) and cleaned categorical values for accurate insights. Designed a Python-based pipeline to overlay segmentation masks on X-ray images using OpenCV for clear lung region visualization.
- Prepared dataset for training a U-Net model by automating image-mask processing using NumPy and scikit-image. (Model training in progress)

## Experiences

### Take it smart Pvt, Ltd.

Sep 2023 – Nov 2023

Machine Learning Intern, Bengaluru, Karnataka

- Wine Quality Analysis

### Emids Technology Pvt, Ltd.

Oct 2024 – present

Artificial intelligence & Machine Learning and Robotic Process Automation Intern, Bengaluru, Karnataka

- Machine Learning & Robotic process Automation Ui path

## Certifications

- Python for Data Science – IBM
- Machine Learning with Python – Take it smart Pvt, Ltd.

## Languages

- English, Kannada, Hindi, Tamil