

# Suvaathii E

Data Scientist | Machine Learning | Deep Learning | Python | SQL

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📍 Bangalore, Karnataka (Immediate Joiner, Willing to Relocate)

## PROFESSIONAL SUMMARY

AI & Data Science graduate skilled in machine learning, deep learning, and predictive analytics, with hands-on experience in classification, CNN-based models, and feature engineering. Strong ability in Python, SQL, and TensorFlow with internships applying real-world data modeling and performance optimization.

## SKILLS

**Programming:** Python , SQL | **Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib | **Machine Learning:** Regression, Classification, Random Forest, XGBoost | **Deep Learning:** CNN, TensorFlow | **Cloud Fundamentals:** Compute, Storage, IaaS/PaaS/SaaS concepts | **Tools:** Jupyter , Colab, VS Code, Git | **Core Skills:** Data Cleaning, EDA, Feature Engineering | **Soft Skills:** Problem-Solving, Analytical Thinking, Communication, Team Collaboration, Adaptability

## PROJECTS

<b>Skin Disorder Classification, CNN</b>	11/2025 – 11/2025
<ul style="list-style-type: none"><li>- Built multi-class CNN achieving 9% improved accuracy.</li><li>- Automated image cleaning, augmentation, and training workflow.</li></ul>	
<b>Earthquake Damage Prediction, Python</b>	11/2025 – 11/2025
<ul style="list-style-type: none"><li>- Built Random Forest classifier achieving 87% accuracy with strong EDA.</li><li>- Improved precision and recall using class balancing and tuning.</li></ul>	
<b>Home Loan Default Risk Management, Python</b>	10/2025 – 10/2025
<ul style="list-style-type: none"><li>- Developed ML model using Logistic Regression &amp; Random Forest achieving 11% error reduction.</li><li>- Performed data validation, feature engineering, and hyperparameter tuning.</li></ul>	
<b>Rice Leaf Disease Detection, CNN</b>	10/2025 – 10/2025
<ul style="list-style-type: none"><li>- Implemented tensorflow, CNN by achieving 92% validation accuracy through data augmentation.</li><li>- Designed structured data preprocessing and image feeding pipeline.</li></ul>	
<b>House Price Prediction, Regression Analysis</b>	09/2024 – 09/2024
<ul style="list-style-type: none"><li>- Achieved 14% RMSE (Root Mean Square Error) improvement via feature engineering.</li><li>- Conducted EDA and visualizations using Pandas and Matplotlib.</li></ul>	

## PROFESSIONAL EXPERIENCE

<b>Certified Data Scientist Trainee, Rubixe - AI Solutions</b>	06/2025 – 12/2025 Bengaluru, KA
<ul style="list-style-type: none"><li>- Completed Certified Data Scientist program with hands-on assignments.</li><li>- Built ML pipelines for structured and image datasets.</li><li>- Achieved 8–15% accuracy improvements through tuning and feature selection.</li></ul>	
<b>Data Science Virtual Intern, Ediglobe</b>	08/2024 – 10/2024 Remote
<ul style="list-style-type: none"><li>- Performed EDA, preprocessing, and ML model building on structured datasets.</li><li>- Improved model accuracy through tuning and feature engineering.</li><li>- Documented workflow and delivered project outcomes.</li></ul>	

## EDUCATION

<b>B.Tech – Artificial Intelligence &amp; Data Science, Dhirajlal Gandhi College of Technology</b> CGPA:8.01	10/2021 – 06/2025
<b>HSC, Jay Matriculation Higher Secondary School</b> Percentage: 86.83%	06/2020 – 04/2021
<b>SSLC, Jay Matriculation Higher Secondary School</b> Percentage: 83.6%	06/2018 – 04/2019

## CERTIFICATES

**Data Science with Python:** Ediglobe | **Python for Data Science:** IBM SkillsBuild | **Python:** HackerRank | **SQL Intermediate:** HackerRank | **Machine Learning Foundations:** Udemy