

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

Skin Disorder Classification, CNN ↗

11/2025 – 11/2025

- Built multi-class CNN achieving 9% improved accuracy.
- Automated image cleaning, augmentation, and training workflow.

Earthquake Damage Prediction, Python ↗

11/2025 – 11/2025

- Built Random Forest classifier achieving 87% accuracy with strong EDA.
- Improved precision and recall using class balancing and tuning.

Home Loan Default Risk Management, Python ↗

10/2025 – 10/2025

- Developed ML model using Logistic Regression & Random Forest achieving 11% error reduction.
- Performed data validation, feature engineering, and hyperparameter tuning.

Rice Leaf Disease Detection, CNN ↗

10/2025 – 10/2025

- Implemented tensorflow, CNN by achieving 92% validation accuracy through data augmentation.
- Designed structured data preprocessing and image feeding pipeline.

House Price Prediction, Regression Analysis ↗

09/2024 – 09/2024

- Achieved 14% RMSE (Root Mean Square Error) improvement via feature engineering.
- Conducted EDA and visualizations using Pandas and Matplotlib.

PROFESSIONAL EXPERIENCE

Certified Data Scientist Trainee, Rubixe - AI Solutions

06/2025 – 12/2025

Bengaluru, KA

- Completed Certified Data Scientist program with hands-on assignments.
- Built ML pipelines for structured and image datasets.
- Achieved 8–15% accuracy improvements through tuning and feature selection.

Data Science Virtual Intern, Ediglobe ↗

08/2024 – 10/2024

Remote

- Performed EDA, preprocessing, and ML model building on structured datasets.
- Improved model accuracy through tuning and feature engineering.
- Documented workflow and delivered project outcomes.

EDUCATION

B.Tech – Artificial Intelligence & Data Science, Dhirajlal Gandhi College of Technology CGPA:8.01

10/2021 – 06/2025

HSC, Jay Matriculation Higher Secondary School Percentage: 86.83%

06/2020 – 04/2021

SSLC, Jay Matriculation Higher Secondary School 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