DIVYA S

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Objective

Aspiring Data Scientist passionate about applying Machine Learning, AI and Data Analytics to solve real-world problems. Eager to contribute to impactful data-driven projects and enhance analytical skills.

Education

Maharani Lakshmi Ammanni College For Women Autonomous, Bengaluru
MSc in Data Science | Pursuing (2024–2026)

Nrupathunga University, Bengaluru
BSc in Mathematics & Computer Science - 8.7 CGPA | (2021–2024)

Technical Skills

- Programming: Python
- Python Libraries & Tools: NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn
- Machine Learning: Regression, Classification, Supervised & Unsupervised Learning
- Data Science: EDA, Data Preprocessing, Feature Engineering, Feature Scaling, Data Visualization, Statistical Analysis
- Web Scraping: BeautifulSoup, Data Extraction & Structuring

Internship Experience

1. **AI–ML Intern | InternPe** (Sep 2025 to Oct 2025)
   Applied ML techniques using Python on real-world datasets, including EDA, preprocessing, model building, and optimization to deliver end-to-end predictive solutions.

Projects:

i . Diabetes Prediction Using Machine Learning
- Performed EDA, data preprocessing, and feature scaling.
- Trained and evaluated models for diabetes detection.
- Deployed the trained model as a Gradio web app on Hugging Face Spaces for real-time diabetes prediction.

Live Demo: https://huggingface.co/spaces/divyashekar/diabetes-prediction

ii. Car Price Prediction Using Machine Learning
- Conducted EDA on car resale datasets and trained regression models.
- Built a predictive system using Linear Regression to estimate car prices.

iii . IPL Score Prediction Using Machine Learning
- Built Linear Regression & Random Forest models to predict IPL final scores.
- Analyzed key match statistics (overs, runs, wickets) for predictive performance.

iv . Breast Cancer Prediction Using Machine Learning

- Explored dataset with EDA & visualization.
- Built and compared Logistic Regression and SVM classifiers for tumor classification.
- Deployed a Gradio-based prediction system on Hugging Face Spaces, enabling live malignant/benign tumor diagnosis.

Live Demo: https://huggingface.co/spaces/divyashekar/breast-cancer-prediction

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2. AI – Machine Learning Engineer Intern | IIT MANDI (Mar 2024 to Jun 2024)

- Applied Python and ML algorithms to analyze structured and unstructured datasets.
- Worked in a research-driven environment focusing on data modeling and feature extraction.
- Earned NCVET-certified AI–Machine Learning Engineer credential for skill competency.

Projects:

i . Survival Prediction on Titanic Dataset using Machine Learning

- Implemented full ML pipeline: data preprocessing → feature engineering → model evaluation
- Used Decision Tree algorithm to predict passenger survival probabilities.

ii . Real Estate Data Extraction Using Web Scraping

- Scraped data from MagicBricks using BeautifulSoup.
- Structured extracted data into a usable format for analysis.
- Conducted EDA and visualization to identify pricing trends and property patterns.

iii. IMDb Movie Reviews Scraping

- Automated extraction of user reviews from IMDb using Python and BeautifulSoup**.**
- Implemented web scraping with headers and request handling to avoid access restriction.
- Collected and formatted textual reviews from web pages and stored data for analysis.

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3. HR Recruiter | Inspire Consultancy Services (Jan 2023 – Mar 2024)

- Recruited candidates for IT and Non-IT roles
- Coordinated with clients to understand hiring needs
- Managed candidate databases and scheduling

Certifications

- AI – Machine Learning Engineer Certification - IIT MANDI (NCVET)
- AI–ML Internship Certification – InternPe
- Digital 101 Journey Certification

Soft Skills

- Problem Solving & Analytical Thinking
- Effective Communication & Client Coordination
- Team Work
- Adaptability