PARTH SAVE

AI/ML ENGINEER

8767648117 | saveparthm@gmail.com |www.linkedin.com/in/parth-save | Mumbai - Maharashtra

CAREER OBJECTIVE

To design ethical and explainable AI/ML systems that empower data-driven decision-making, combining innovation with responsibility to build intelligent solutions that are scalable, transparent, and aligned with human values.

EDUCATION

B. Tech in Artificial intelligence and Machine Learning Nov 2021 – May 2025

St. John College of Engineering and Management (SJCEM) CGPA – 7.63

INTERNSHIP

Data Science Master Virtual Internship - Altair Jan 2025 – Mar 2025

AI-ML Virtual Internship- India Edu Program and Google for Developers Apr 2022 – June 2022

TRAINING

100-hour training program on Data Analysis using Python - Anudip Foundation Jan 2025 - Mar 2025

Data Science & Machine Learning Training - Testriq Dec 2025 - Dec 2025

PUBLICATION

ENVIRONMENTAL SOUND CLASSIFICATION FOR WILDLIFE MONITORING USING DEEP LEARNING Feb 2025

PERFORMANCE MEASURES OF THE DIFFERENT ALGORITHMS IN GYM MANAGEMENT SYSTEM Feb 2023

CERTIFICATIONS

Data and Business Process Modeling with Microsoft Visio– Microsoft Jan 2025

Business Analytics with Excel: Elementary to Advanced- The Johns Hopkins University Jan 2025

Creative Designing in Power BI – Microsoft Oct 2024

Decisions, Decisions: Dashboards and Reports– Microsoft Aug 2024

Data Analysis and Visualization with Power BI– Microsoft Aug 2024

Career Essentials in Data Analysis–Microsoft and LinkedIn Aug 2024

Google AI Essentials–Microsoft Aug 2024

Python For Data Science–Cognitive Class AI by IBM Aug 2024

SKILLS

Technical Skills

Languages: Python, HTML, JavaScript
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
Software's and Tools: GitHub, Netlify, Weka, PyCharm, Power BI, AWS

Employability Skills

Quick Learner
Problem Solving
Time Management
Adaptability

LANGUAGES KNOWN

English (Intermediate)
Hindi (Intermediate)
Marathi (Advanced)

ANNEXURE: ACADEMIC & PERSONAL PROJECTS

---

1. Solar Power Generation Forecasting
March 2025-March 2025
Project Information:

- Aimed to forecast solar power output using weather and panel efficiency data.
- Utilized time-series models like ARIMA and LSTM to predict energy generation.
- Handled real-world data variability and missing entries through data cleaning and interpolation.

---

2. Diabetes Risk Prediction Using Medical Data
Feb 2025 – Feb 2025
Project Information:

- Developed a supervised learning model to predict the likelihood of diabetes in patients.
- Used medical datasets with attributes like BMI, glucose levels, age, and insulin concentration.
- Implemented logistic regression and supported vector machines for classification.

---

3. Real Estate Price Prediction
Jan 2025 – Jan 2025
Project Information:

- Created a regression-based model to estimate housing prices based on location, size, and features.
- Employed feature engineering techniques to enhance predictive accuracy.
- Used algorithms like XGBoost and Multiple Linear Regression for training.

---

4. Retail Sales Analytics and Forecasting
Dec 2024 – Jan 2025
Project Information:

- Analyzed historical retail sales data to understand seasonal trends and consumer behavior.
- Applied clustering for customer segmentation and time-series models for sales forecasting.
- Built dashboards to visualize metrics like revenue, product performance, and region-wise sales.
- Supported better inventory planning and marketing strategy formulation.

---

5. Environmental Sound Classification for Wildlife Monitoring
May 2024 – Dec 2024
Project Information:

- Developed a deep learning model to classify wildlife species using environmental audio recordings.
- Used Mel-Frequency Cepstral Coefficients (MFCCs) for feature extraction and CNN (VGG16) and LSTM architectures for classification.
- Trained on labeled datasets of bird and animal sounds.
- Aimed to support conservation efforts by automating acoustic wildlife monitoring.

---

6. Gym Management System
June 2023 – May 2024
Project Information:

- Led the development of a full-stack Gym Management System to manage attendance.
- Built using technologies like HTML, CSS, JavaScript, and MySQL for database management.
- Improved operational efficiency for gym staff and clients.

---

7. Mobile-Based Ambulance Locator
Aug 2022 – May 2023
Project Information:

- Created a Mobile based system to track and locate ambulances in real time using GPS and sensors.
- Created mobile web applications for users to request and track ambulances.
- Designed to minimize emergency response time and save lives during critical situations.