

PROFESSIONAL SUMMARY

AI & Data Science undergraduate focused on building data-driven and machine learning–based applications with a strong product mindset. Skilled in data preprocessing, exploratory analysis, and developing baseline-to-improved predictive models. Interested in integrating ML into simple, user-friendly applications. Seeking a Data Science / ML Internship with real-world impact.

TECHNICAL SKILLS

Programming & Data: Python, Pandas, NumPy

Machine Learning: Scikit-learn (Regression, Classification), MAE, Accuracy

Data Analysis & Visualization: Matplotlib, Seaborn, Excel

Core Concepts: Data Cleaning, Feature Engineering, Time-Series Basics

Tools: Git, GitHub, Jupyter Notebook

Design Exposure: Figma (basic), User Flow Design

PROJECT EXPERIENCE:

Café Sales Analytics & Forecasting

- Cleaned and validated transactional data; handled missing values using derived relationships
- Performed EDA to identify sales trends and customer behavior
- Built baseline forecasting model and identified limitations
- Improved model using lag features and rolling averages
- Evaluated using MAE and compared baseline vs improved performance

Heart Disease Prediction Model

- Developed classification model with preprocessing and feature selection
- Evaluated performance and interpreted prediction outcomes

Alzheimer's Disease Analysis

- Conducted EDA and built a basic predictive model
- Identified dataset limitations and impact on results

Smart Nest AI Chatbot

- Built multilingual chatbot using prompt engineering
- Designed conversation flow for usability

EXPERIENCE

Technology Co-Lead / Developer – Carenium (Healthcare Platform - Ongoing)

- Worked on ML workflows including preprocessing and basic model experimentation
- Explored integration of predictive logic into application features
- Focused on improving user-friendly application design and usability

Web Development Intern – Farm to Hand

- Contributed to application workflow and improved user interaction

UI/UX Intern – Zaalima Development Pvt Ltd

- Assisted in dashboard and interface design
- Structured data for better user experience

LEADERSHIP

Team Lead – Developer Team (MSAJCE)

- Coordinated tasks and supported collaboration in development projects

CERTIFICATIONS :

- IBM – Python for Data Science
- IBM – Prompt Engineering

KEY STRENGTH

Bridges data, machine learning, and usability to build simple, practical solutions.