

Dinesh S

Aspiring AI & ML Engineer & Developer | Data Science Enthusiast | Active Intern Seeker

+918056129665 ◇ personalaccdinesh@gmail.com ◇ Chennai, Tamil Nadu, India ◇ [LinkedIn](#) ◇ [GitHub](#) ◇ [Kaggle](#)

SUMMARY

Experienced **Data Science Intern** with a strong foundation in **Artificial Intelligence (AI)** and **Data Science**, proficient in **Python**, **C**, and **SQL**. Skilled in **data analysis**, **visualization**, and **deep learning**, with hands-on experience in implementing **machine learning algorithms** and tools.

- Demonstrated expertise in **data-driven problem-solving**, applying machine learning and data analysis techniques to derive actionable insights from complex datasets.
- Engaged in **deep learning projects**, gaining proficiency in **neural network architectures** and cross-platform application development.
- Recognized for academic excellence in **AI & Data Science**, including achieving **3rd Prize in Code Debugging** using Python.

Aspiring to transition into an **AI & Machine Learning Engineer** role, bringing a passion for solving challenging problems and a commitment to continuous learning to drive innovation and advancements in **AI/ML technologies**.

EXPERIENCE

Data Science Intern

Prodigy Infotech

Sep '24 — Sep '24

ONLINE

• Key Tasks

Task 1: Twitter Sentiment Analysis [Link](#)

- Pre-processed textual data, including tokenization and cleaning, to prepare for analysis.
- Built and fine-tuned **classification models** using machine learning algorithms.
- Derived actionable insights to understand public sentiment trends effectively.

Task 2: Titanic Survival Analysis [Link](#)

- Conducted comprehensive **exploratory data analysis (EDA)** to identify key survival factors.
- Engineered relevant features to enhance model performance.
- Evaluated model accuracy and validated predictions to ensure reliability.

Task 3: Credit Card Fraud Detection [Link](#)

- Extracted and **pre-processed** data to ensure accuracy and eliminate inconsistencies for analysis.
- Performed **data cleaning and generalization**, addressing missing values and anomalies in the dataset.
- Balanced the dataset using **oversampling and under sampling techniques** to handle class imbalances.
- Built and deployed machine learning models, including **Logistic Regression**, to identify fraudulent transactions.
- Conducted **Exploratory Data Analysis (EDA)** to uncover patterns and correlations within the data.

Data Science Intern

Cognifyz Technologies

Oct '24 — Oct '24

ONLINE

• Key Tasks

Level 1: Cuisines Data Analysis [Link](#)

- Explored and pre-processed datasets, managed missing values, and analysed target variable distributions.
- Conducted descriptive analysis and geospatial visualization of restaurant data.

Level 2: Restaurant Business Analysis [Link](#)

- Analysed trends in table booking, online delivery, and price ranges to uncover customer preferences.
- Engineered new features to enhance model performance.

Level 3: Customer Prediction Analysis [Link](#)

- Built and compared regression models (Random Forest, Linear Regression, SVR) to predict ratings, achieving top accuracy with Random Forest.
- Visualized key insights, including city-wise ratings and cuisine popularity.

EDUCATION

BTECH in AI&DS, DMI College Of Engineering (GPA: 8.5)

Sep '23 — Present

Chennai, India

- **Relevant Courses:** Machine Learning, Deep Learning, Data Visualization, Neural Networks

HSC in Bio-maths, Government Boys School, Kovur (GPA: 8.2)

Jul '22 — Mar '23

Chennai, India

- Achieved a strong foundation in mathematics and computer science, laying the groundwork for AI and data science studies

CERTIFICATIONS

Python Basics Guvi	Jul '23
Crash Course on python with Automation Google	Aug '23
Prompt Engineering for ChatGPT Vanderbilt University, Coursera	Nov '23
EDA and Data Visualization Course in Data Science Scaler	Sep '24
Machine Learning with Python IBM	Oct '24
Fundamentals of Deep Learning UpGrad	Nov '24

ACHIEVEMENTS

Third prize in the Code Debugging using python DMICE	Oct '23
participated in Kridayanthrik'24 symposium REC	Oct '24
Hackathon on the Theme of Smart Education using Gen AI GenxRverse	Oct '24

PROJECTS

FOCXY - Block Websites Chrome Extension Link	Nov '23 — Dec '23
<ul style="list-style-type: none">Overview: Developed a Chrome extension to enhance productivity by blocking specific websites during work hours. The tool provides users with customization settings and productivity tracking to create a distraction-free work environment.Tech Used: JavaScript, HTML/CSS, Chrome Extension API	
MNIST Handwritten Digit Recognition System Web App Link	Oct '24 — Nov '24
<ul style="list-style-type: none">Overview: Designed and implemented a deep learning model to classify handwritten digits from the MNIST dataset with 98% accuracy. Developed a full-stack web application for real-time digit recognition, enabling users to draw or upload digits for classification.Tech Used: Python, TensorFlow, Keras, Flask, HTML/CSS, Javascript	
M-pox Disease Analysis and Forecasting Link	Aug '24 — Oct '24
<ul style="list-style-type: none">Overview: Developed a predictive model to forecast M-pox outbreak trends using time series analysis. Incorporated advanced statistical techniques to achieve high forecasting accuracy.Tech Used: Python, Stats-models, Pandas, Matplotlib, Seaborn	

SKILLS

Soft Skills Data Analysis, Machine Learning, Deep Learning, Data Visualization, models, NLP, Exploratory Data Analysis, Scikit-learn, Communication Skills, Data Preprocessing

Programming Python Programming, SQL, C

Languages English, Tamil, Hindi

Interests Artificial Intelligence, Programming, web Development

Languages Hindi, Tamil, English