



Ajay Thakur

B. Tech.

Electronics & Communication Engineering

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EDUCATION

Indian Institute of Information Technology Kota

B. Tech., Electronics & Communication Engineering

2020

CPI/Percentage: 5.99

M P Convent H.S.School, Baadi, Raisen

Higher Secondary School Certificate Examination, MPBSE

2014

CPI/Percentage: 77.60%

M P Convent H.S.School, Baadi, Raisen

High School Certificate Examination, MPBSE

2010

CPI/Percentage: 90.00%

ACHIEVEMENTS

- Secured **Institute Rank 7** on **GeeksforGeeks** among 1284 students | [Link](#) 6 Dec., 2024
- Earned **Problem Solver Diamond Badge** on **CodeChef** after solving 1000 problems | [Link](#) 29 Nov., 2024
- Earned **Annual Badge 2024** on **LeetCode** after solving problems for 300 days | [Link](#) 25 Oct., 2024
- Earned **Code Enthusiast Diamond Badge** on **CodeChef** after explaining 200 code solutions | [Link](#) 15 Jul., 2024
- Received **Letter of Recommendation (LoR)** from **Kaizen, NSS IIT Delhi** as a **Campus Ambassador** | [Link](#) 8 May, 2024
- Earned **Diamond Streak Badge** on **CodeChef** after a streak of 100 days | [Link](#) 25 Apr., 2024
- Received **Certificate of Appreciation** from **Techfest, IIT Bombay** as a **College Ambassador** | [Link](#) 15 Apr., 2024
- Received **Certificate of Recognition** from **Shaastra, IIT Madras** as a **Campus Ambassador** | [Link](#) 6 Apr., 2024
- Received **Letter of Recommendation (LoR)** from **eDC, IIT Delhi** as a **Campus Ambassador** | [Link](#) 9 Mar., 2024
- Received **Certificate of Appreciation** from **eDC, IIT Delhi** as a **Campus Ambassador** | [Link](#) 9 Mar., 2024
- Received **Certificate of Appreciation** from **Backwaters, IIM Kozhikode** as a **Campus Ambassador** | [Link](#) 9 Mar., 2024
- Received **Letter of Recommendation (LoR)** from **7 Lakes Fest, IIM Calcutta** as a **Campus Ambassador** | [Link](#) 11 Feb., 2024
- Received **Certificate of Appreciation** from **7 Lakes Fest, IIM Calcutta** as a **Campus Ambassador** | [Link](#) 11 Feb., 2024
- Received **Certificate of Appreciation** from **E-Cell, IIT BHU** for the **Top 10%** in **The Venture Capital** | [Link](#) 17 Jan., 2024
- Received **Letter of Recommendation (LoR)** from **Coding Samurai** as a **Machine Learning Intern** | [Link](#) 12 Jan., 2024
- Received **Certificate of Merit** from **E-Summit, IIT Bhubaneswar** for securing **1st Position** in **Round-1 of Entrepreneurial Ideation** | [Link](#) 11 Jan., 2024
- Received **Letter of Recommendation (LoR)** from **Psyliq** as a **Data Analyst Intern** | [Link](#) 4 Jan., 2024
- Received **Letter of Recommendation (LoR)** from **InternCareer** as a **Machine Learning Intern** | [Link](#) 27 Dec., 2023
- Received **Letter of Recommendation (LoR)** from **CodersCave** as a **Data Science Intern** | [Link](#) 7 Dec., 2023
- Received **Letter of Recommendation (LoR)** from **Code Casa** as a **Machine Learning Intern** | [Link](#) 5 Dec., 2023

- Received **Letter of Recommendation (LoR)** from **CodesOnBytes** as a **Data Science Intern** | [Link](#) 29 Nov., 2023
- Received **Letter of Recommendation (LoR)** from **Techniche, IIT Guwahati** as a **Campus Ambassador** | [Link](#) 11 Oct., 2023
- Received **Certificate of Achievement** from **E-Cell, IIT Guwahati** for the **Top 10%** in the **Product Matters 3.0** | [Link](#) 10 Oct., 2023
- Received **Letter of Recommendation (LoR)** from **Prodigy InfoTech** as a **Machine Learning Intern** | [Link](#) 6 Oct., 2023
- Received **Letter of Recommendation (LoR)** from **LetsGrowMore** as a **Data Science Intern** | [Link](#) 9 Sep., 2023
- Received **Letter of Recommendation (LoR)** from **CodeClause** as an **Artificial Intelligence Intern** | [Link](#) 3 Sep., 2023
- Received **Certificate of Appreciation** from **Vista, IIM Bangalore** as a **Campus Ambassador** | [Link](#) 15 Jul., 2023
- Secured **2nd Position** in **MNIT Run-2018** organized by **MNIT Jaipur Alumni Association** | [Link](#) 25 Feb., 2018
- Secured **All India Rank 16932** in **JEE Main-2016** among 1.2 million candidates 27 Apr., 2016

EXPERIENCE

INTERNSAVY | [Link](#) Dec 13, 2023-Jan 13, 2024
Data Science Intern *Remote Intern*

- Predicted **Graduate Admissions** using **Linear** regression ML model with the help of **NumPy, Pandas, Matplotlib, Seaborn**, and others
- Identified major **Customer Segments** on a transnational dataset for a UK-based **Online Retail Store** using **SVM, Decision Tree, Random Forest, Gaussian Naive Bayes**, and **KNN** regression ML models. Additionally, created **K-means Clustering** algorithm using **Elbow** method with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others
- Predicted **Cricket Player Performance** using **SVR** regression ML model with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Coding Samurai | [Link](#) Dec 06, 2023-Jan 06, 2024
Machine Learning Intern *Remote Intern*

- Classified **Iris Flowers** using **Logistic, SVM, Decision Tree**, and **Random Forest** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others
- Developed a **Movie Recommendation System** that **Recommends** movies to users based on their **Past Viewing History** and **Ratings** using **Content-boosted Collaborative Filtering** algorithm with the help of **Pandas** and others
- Analyzed **Social Media Sentiment** using **PorterStemmer** and **CountVectorizer** techniques with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn, NLTK, PIL**, and others

Innovixion Tech | [Link](#) Dec 01, 2023-Dec 28, 2023
Python Development Intern *Remote Intern*

- Developed a **Web Scraper** using **Python** Programming language with the help of **Pandas, DateTime, BeautifulSoup**, and others
- Developed a **Phone Book Application** that can **Store** and **Manage Contacts** using **Python** Programming language
- Developed a **Bank Account Management System** that can **Simulate** different bank account functions using **Python** Programming language

Mentorress | [Link](#) Nov 27, 2023-Dec 27, 2023
Machine Learning Intern *Remote Intern*

- Analyzed **Exploratory Data on World Cup 2023** using **Random Forest** regression ML model with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others
- Predicted **Salary of the Data Professionals** using **Linear, Decision Tree, Random Forest, Extra Trees**, and **XGBoost** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Psyliq | [Link](#) Nov 29, 2023-Dec 27, 2023
Data Analyst Intern *Remote Intern*

- Created a **Dashboard** displaying various **HR Metrics** and **Analytics** using **Power BI**
- Created a **Dashboard** displaying various **Employee Metrics** and **Analytics** using **Power BI**
- Analyzed **Pharmaceutical Distribution Data** using **SQL**

InternCareer | [Link](#)

Nov 24, 2023-Dec 24, 2023

Machine Learning Intern

Remote Intern

- Predicted **Titanic Survival** using **SVC**, **Decision Tree**, **Random Forest**, **Extra Trees**, **Gradient Boosting**, **AdaBoost**, **Bagging**, **Gaussian Naive Bayes**, and **KNN** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Breast Cancer** using **Logistic**, **SVM**, **Decision Tree**, **Random Forest**, **Extra Trees**, **Gradient Boosting**, **AdaBoost**, **Ridge**, **Naive Bayes**, and **KNN** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **PyCaret**, and others

CodersCave | [Link](#)

Nov 02, 2023-Dec 02, 2023

Data Science Intern

Remote Intern

- Identified **High-Risk Regions of Terrorism**, extracted meaningful **Insights** and **Patterns**, and understood **Attack Characteristics of Terrorist Activities** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Predicted **Breast Cancer** using **Logistic**, **Decision Tree**, and **Random Forest** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Developed an **Email Spam Detection System** that can **Identify** emails as **Spam or Non-Spam** based on their **Content** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Sklearn**, and others
- Developed a **Speech Emotion Recognition System** to classify the **Emotion States** conveyed in **Spoken Language** using **Stacked LSTM** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, **Librosa**, and others

Code Casa | [Link](#)

Nov 01, 2023-Dec 01, 2023

Machine Learning Intern

Remote Intern

- Developed **Stock Price Predictor** of the company **Netflix** using **Stacked LSTM** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, and others
- Predicted **Price of the House** using **Ridge** and **Lasso** regression ML models based on their **Square Footage**, **Garage Area**, **Lot Area**, and many other variables with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Developed a **Movie Recommendation System** that **Recommends** movies to users based on their **Past Viewing History** and **Ratings** using **PorterStemmer** and **CountVectorizer** techniques with the help of **NumPy**, **Pandas**, **Sklearn**, **NLTK**, and others

CipherByte Technologies | [Link](#)

Nov 01, 2023-Nov 29, 2023

Data Science Intern

Remote Intern

- Classified different **Species of Iris Flowers** using **Logistic**, **SVM**, **Decision Tree**, **Gaussian Naive Bayes**, and **KNN** regression ML models. Additionally, created **K-means Clustering** algorithm using **Elbow** method with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Analyzed **Unemployment Rate** during **COVID-19** in different **States of India** using **Python** Programming language with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Forecasted **Humidity and Temperature of Kolkata** using **Prophet Time Series** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Developed a **Spam Email Detection Model** that can **Classify** emails as **Spam or Non-Spam** based on their **Content** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

CodesOnBytes | [Link](#)

Oct 20, 2023-Nov 20, 2023

Data Science Intern

Remote Intern

- Created a **CSV Dataset** using **API** with the help of **Pandas** and others
- Cleaned **Data** of the **Netflix** by replacing **Missing Values** and removing **Outliers** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Analyzed **Data** of the **Netflix** and created **Graphs** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Trained the **Dataset** and predicted **Output** using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Growintern | [Link](#)

Oct 05, 2023-Nov 05, 2023

Machine Learning Intern

Remote Intern

- Predicted **Stock Prices** of the **YASH Bank** using **Linear**, **Decision Tree**, **Ridge**, and **Lasso** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

- Developed **Car Price Predictor** using **Linear**, **Random Forest**, **Gradient Boosting**, **Ridge**, and **Lasso** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Cognifyz Technologies | [Link](#)

Oct 01, 2023-Nov 01, 2023

Data Science Intern

Remote Intern

- Analyzed **Data** of the **Restaurant** using **Linear**, **Decision Tree**, and **Random Forest** regression ML models with the help of **NumPy**, **Pandas**, **GeoPandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

CognoRise InfoTech | [Link](#)

Oct 01, 2023-Nov 01, 2023

Machine Learning Intern

Remote Intern

- Classified **Breast Cancer** using **Logistic** and **Random Forest** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Price of the House** using **Linear** and **Random Forest** regression ML models based on their **Square Footage**, **View**, and the number of **Bedrooms** and **Floors** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Developed a **Spam Email Detection Model** that can **Identify** emails as **Spam** or **Non-Spam** based on their **Content** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Sklearn**, and others

Digital Bhém | [Link](#)

Sep 10, 2023-Oct 10, 2023

Data Science Intern

Remote Intern

- Developed a **Fake News Detection Model** that can **Identify** fake news articles with high accuracy using **Logistic**, **SVM**, **Decision Tree**, **Random Forest**, and **Naive Bayes** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **NLTK**, and others
- Developed a **Movie Recommendation System** that **Recommends** movies to users based on their **Past Viewing History** and **Ratings** using **Content-boosted Collaborative Filtering** algorithm with the help of **NumPy**, **Pandas**, **Matplotlib**, **Sklearn**, **PIL**, **Pickle**, and others

The Sparks Foundation | [Link](#)

Sep 01, 2023-Oct 02, 2023

Data Science and Business Analytics Intern

Remote Intern

- Predicted **Percentage of a Student** based on the number of **Study Hours** and **Score** if a Student studied for 9.25 hours/day using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Optimal Number of Clusters** and represented it visually using **K-means Clustering** algorithm with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Weak Areas** where we can work to make more **Profit** and created **Dashboards** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Plotly**, and others
- Predicted **Hot Zones of Terrorism** and created **Storyboards** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Predicted the **Most successful Teams**, **Players**, and **Factors** Contributing Win or Loss of a Team and created **Storyboards** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Created **Decision Tree Classifier** and visualized it graphically using **Decision Tree** algorithm with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted a **Hybrid Model** for **Stock Market Performance** using **Numerical Analysis** of Historical Stock Prices and **Sentiment Analysis** of News Headlines with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, **TensorFlow**, and others
- Created a **Dashboard** and **Storyboard** showing the Spread of **COVID-19 Cases** in the Country and other Regions. Also, **Identified** interesting **Patterns** and **Possible Reasons** for the Spread of COVID-19 using **Tableau**

OctaNet Software Services | [Link](#)

Sep 01, 2023-Oct 01, 2023

Python Development Intern

Remote Intern

- Developed **ATM Interface System** with **Python** Programming language on the **VS Code** using **DateTime** and others

Prodigy InfoTech | [Link](#)

Sep 01, 2023-Sep 30, 2023

Machine Learning Intern

Remote Intern

- Predicted **Price of the House** using **Linear** regression ML model based on their **Square Footage** and the number of **Bedrooms** and **Bathrooms** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Created **K-means Clustering** algorithm using **Elbow** method to **Group Customers** of a **Retail Store** based on their **Purchase** history with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Classified **Images of Cats and Dogs** using **SVM** regression ML model from **Kaggle** dataset with the help of **Matplotlib**, **Keras**, **TensorFlow**, and others

- Developed **Hand Gesture Recognition Model** that can **Identify** and **Classify** different **Hand Gestures** from **Image** or **Video** data, enabling intuitive **Human-Computer Interaction** and **Gesture-based Control** Systems with the help of **NumPy**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, and others

CodeAlpha | [Link](#)

Sep 01, 2023-Sep 30, 2023

Python Intern

Remote Intern

- Developed **Password Generator** using **Python** Programming language with the help of **Tkinter**, **Random**, **String**, and others
- Developed **Quiz Application** using **Python** Programming language with the help of **Tkinter** and others
- Developed **Snake Game** using **Python** Programming language with the help of **Random**, **Turtle**, **Time**, and others

CodSoft | [Link](#)

Aug 25, 2023-Sep 25, 2023

Data Science Intern

Remote Intern

- Predicted **Titanic Survival** using **Logistic**, **Random Forest**, and **KNN** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Movie Rating** using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Classified **Iris Flowers** using **SVM**, **Decision Tree**, **Random Forest**, and **KNN** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Sales** using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Detected **Credit Card Fraud Transactions** using **Random Forest** regression ML model and **Undersampling** technique with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

YBI Foundation | [Link](#)

Jul 17, 2023-Sep 17, 2023

Artificial Intelligence and Machine Learning Intern

Remote Intern

- Predicted **Mileage of the Car** using **Linear** and **Polynomial** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Analyzed **Financial News Sentiment** using **Random Forest** regression ML model with the help of **NumPy**, **Pandas**, **Sklearn**, and others

AlmaBetter | [Link](#)

Mar 12, 2023-Sep 12, 2023

Data Science Intern

Remote Intern

- Demonstrated different **EdStats Indicators** (over 4k) of the **World Bank** on **Education System** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Predicted **Views of TED Talks** (over 4k) using **Linear**, **Decision Tree**, **Random Forest**, **Ridge**, **Lasso**, and **Elastic Net** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Cardiovascular Risk in Patients** (over 4k) using **Logistic**, **SVM**, **Decision Tree**, **Random Forest**, **XGBoost**, **Gaussian Naive Bayes**, **KNN**, **Neural Network**, and **MLP** regression ML models with the help of **NumPy**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Identified major **Customer Segments** on a transnational dataset for a UK-based **Online Retail Store** using **K-means Clustering** and **Agglomerative Clustering** algorithms, applying **Silhouette Score**, **Elbow**, and **DBSCAN** methods with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Bharat Intern | [Link](#)

Aug 10, 2023-Sep 10, 2023

Machine Learning Intern

Remote Intern

- Predicted **Price of the House** using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Quality of the Wine** using **Logistic**, **SVM**, **Decision Tree**, **Random Forest**, **SGD**, and **MLP** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Classified different **Species of Iris Flowers** using **Decision Tree** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

CodeClause | [Link](#)

Aug 1, 2023-Sep 1, 2023

Artificial Intelligence Intern

Remote Intern

- Predicted **Price of the House** using **Linear**, **Random Forest**, and **XGBoost** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Price of the Gold** using **Random Forest** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Detected **Blindness** by creating an **Automated Analysis System** capable of assigning a **Score** based on the Scale [0-4] with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **PIL**, and others
- Predicted **Personality via CV Analysis** using **XGBoost** regression ML model for **MBTI** dataset with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

LetsGrowMore | [Link](#)

Data Science Intern

Aug 1, 2023-Aug 31, 2023

Remote Intern

- Classified different **Species of Iris Flowers** using **Decision Tree** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Stock Prices** of the company **TATA GLOBAL** using **Stacked LSTM** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Built a **Music Recommendation System** using **KKBOX** dataset from **Kaggle** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Converted **Image to Pencil Sketch** using **Image Processing** techniques with the help of **NumPy**, **Pandas**, **Matplotlib**, **PIL**, **OpenCV**, and others
- Analyzed **Exploratory Data on Terrorism** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Classified different **Species of Iris Flowers** using **Decision Tree** algorithm with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Developed a **Handwritten Digit Recognition System** using **MNIST** dataset with the help of **NumPy**, **Pandas**, **Matplotlib**, and others
- Predicted **Next Word** using **RNN** model with the help of **NumPy**, **Matplotlib**, **Seaborn**, **Keras**, and others
- Implemented **Handwritten Equation Solver** using **CNN** model with the provided dataset from **Kaggle** with the help of **NumPy**, **Pandas**, **Matplotlib**, **PIL**, **Keras**, and others
- Implemented **Facial Recognition System** to detect **Mood** and suggest **Songs** accordingly using **CNN** model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, **TensorFlow**, and others

Oasis Infobyte | [Link](#)

Data Science Intern

Jul 15, 2023-Aug 15, 2023

Remote Intern

- Classified different **Species of Iris Flowers** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Analyzed **Unemployment Rate** in different **States of India** using **Python** Programming language with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others
- Predicted **Price of the Car** on different factors using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Detected **Messages as Spam or Non-Spam** using **Decision Tree**, **Random Forest**, and **Multinomial Naive Bayes** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **NLTK**, and others
- Predicted **Sales** of different **Items** using **Linear**, **Random Forest**, **XGBoost**, and **OLS** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

TechnoHacks EduTech | [Link](#)

Machine Learning Intern

Jun 15, 2023-Jul 16, 2023

Remote Intern

- Predicted **Heart Disease** in the **Patients** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Seaborn**, **Sklearn**, and others
- Detected **Fraud Transactions** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others
- Predicted **Diabetes** in the **Patients** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Sklearn**, and others

Suvidha Foundation | [Link](#)

Machine Learning Intern

Jun 10, 2023-Jul 10, 2023

Remote Intern

- Implemented a **Model for Abstractive Text Summarization** using **GloVe** and **RNN Encoder-Decoder** models with a sample dataset of news articles (**CNN**, **Daily Mail**) with the help of **NumPy**, **Pandas**, **NLTK**, **Pickle**, and others

TECHNICAL PROJECTS

Cricket Player Performance Prediction | [Link](#)

Internship Project

Dec 2023-Jan 2024

INTERNSAVY

- Predicted **Cricket Player Performance** using **SVR** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Customer Segment | [Link](#)

Internship Project

Dec 2023-Jan 2024

INTERNSAVY

- Identified major **Customer Segments** on a transnational dataset for a UK-based **Online Retail Store** using **SVM**, **Decision Tree**, **Random Forest**, **Gaussian Naive Bayes**, and **KNN** regression ML models. Additionally, created **K-means Clustering** algorithm using **Elbow** method with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Graduate Admission Prediction | [Link](#)

Internship Project

Dec 2023-Jan 2024

INTERNSAVY

<ul style="list-style-type: none"> • Predicted Graduate Admissions using Linear regression ML model with the help of NumPy, Pandas, Matplotlib, Seaborn, and others 	
Social Media Sentiment Analysis Link <i>Internship Project</i>	<i>Dec 2023-Jan 2024</i> <i>Coding Samurai</i>
<ul style="list-style-type: none"> • Analyzed Social Media Sentiment using PorterStemmer and CountVectorizer techniques with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, NLTK, PIL, and others 	
Movie Recommendation System Link <i>Internship Project</i>	<i>Dec 2023-Jan 2024</i> <i>Coding Samurai</i>
<ul style="list-style-type: none"> • Developed a Movie Recommendation System that Recommends movies to users based on their Past Viewing History and Ratings using Content-boosted Collaborative Filtering algorithm with the help of Pandas and others 	
Iris Flowers Classification Link <i>Internship Project</i>	<i>Dec 2023-Jan 2024</i> <i>Coding Samurai</i>
<ul style="list-style-type: none"> • Classified Iris Flowers using Logistic, SVM, Decision Tree, and Random Forest regression ML models with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Bank Account Management System Link <i>Internship Project</i>	<i>Dec 2023</i> <i>Innovixion Tech</i>
<ul style="list-style-type: none"> • Developed a Bank Account Management System that can Simulate different bank account functions using Python Programming language 	
Phone Book Application Link <i>Internship Project</i>	<i>Dec 2023</i> <i>Innovixion Tech</i>
<ul style="list-style-type: none"> • Developed a Phone Book Application that can Store and Manage Contacts using Python Programming language 	
Basic Web Scraper Link <i>Internship Project</i>	<i>Dec 2023</i> <i>Innovixion Tech</i>
<ul style="list-style-type: none"> • Developed a Web Scraper using Python Programming language with the help of Pandas, DateTime, BeautifulSoup, and others 	
Salary Prediction Link <i>Internship Project</i>	<i>Nov 2023-Dec 2023</i> <i>Mentorness</i>
<ul style="list-style-type: none"> • Predicted Salary of the Data Professionals using Linear, Decision Tree, Random Forest, Extra Trees, and XGBoost regression ML models with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
World Cup 2023 Analysis Link <i>Internship Project</i>	<i>Nov 2023-Dec 2023</i> <i>Mentorness</i>
<ul style="list-style-type: none"> • Analyzed Exploratory Data on World Cup 2023 using Random Forest regression ML model with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Pharmaceutical Distribution Data Analysis Link <i>Internship Project</i>	<i>Nov 2023-Dec 2023</i> <i>Psyliq</i>
<ul style="list-style-type: none"> • Analyzed Pharmaceutical Distribution Data using SQL 	
Employee Data Analysis Link <i>Internship Project</i>	<i>Nov 2023-Dec 2023</i> <i>Psyliq</i>
<ul style="list-style-type: none"> • Created a Dashboard displaying various Employee Metrics and Analytics using Power BI 	
HR Data Analysis Link <i>Internship Project</i>	<i>Nov 2023-Dec 2023</i> <i>Psyliq</i>
<ul style="list-style-type: none"> • Created a Dashboard displaying various HR Metrics and Analytics using Power BI 	
Breast Cancer Prediction Link <i>Internship Project</i>	<i>Nov 2023-Dec 2023</i> <i>InternCareer</i>
<ul style="list-style-type: none"> • Predicted Breast Cancer using Logistic, SVM, Decision Tree, Random Forest, Extra Trees, Gradient Boosting, AdaBoost, Ridge, Naive Bayes, and KNN regression ML models with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, PyCaret, and others 	
Titanic Survival Prediction Link <i>Internship Project</i>	<i>Nov 2023-Dec 2023</i> <i>InternCareer</i>

- Predicted **Titanic Survival** using **SVC**, **Decision Tree**, **Random Forest**, **Extra Trees**, **Gradient Boosting**, **AdaBoost**, **Bagging**, **Gaussian Naive Bayes**, and **KNN** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Speech Emotion Recognition | [Link](#)

Nov 2023-Dec 2023

Internship Project

CodersCave

- Developed a **Speech Emotion Recognition System** to classify the **Emotion States** conveyed in **Spoken Language** using **Stacked LSTM** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, **Librosa**, and others

Email Spam Detection | [Link](#)

Nov 2023-Dec 2023

Internship Project

CodersCave

- Developed an **Email Spam Detection System** that can **Identify** emails as **Spam or Non-Spam** based on their **Content** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Sklearn**, and others

Breast Cancer Prediction | [Link](#)

Nov 2023-Dec 2023

Internship Project

CodersCave

- Predicted **Breast Cancer** using **Logistic**, **Decision Tree**, and **Random Forest** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Terrorism Analysis | [Link](#)

Nov 2023-Dec 2023

Internship Project

CodersCave

- Identified **High-Risk Regions of Terrorism**, extracted meaningful **Insights** and **Patterns**, and understood **Attack Characteristics of Terrorist Activities** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others

Movie Recommendation System | [Link](#)

Nov 2023-Dec 2023

Internship Project

Code Casa

- Developed a **Movie Recommendation System** that **Recommends** movies to users based on their **Past Viewing History** and **Ratings** using **PorterStemmer** and **CountVectorizer** techniques with the help of **NumPy**, **Pandas**, **Sklearn**, **NLTK**, and others

House Price Prediction | [Link](#)

Nov 2023-Dec 2023

Internship Project

Code Casa

- Predicted **Price of the House** using **Ridge** and **Lasso** regression ML models based on their **Square Footage**, **Garage Area**, **Lot Area**, and many other variables with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Stock Price Predictor | [Link](#)

Nov 2023-Dec 2023

Internship Project

Code Casa

- Developed **Stock Price Predictor** of the company **Netflix** using **Stacked LSTM** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, and others

Spam Email Detection | [Link](#)

Nov 2023

Internship Project

CipherByte Technologies

- Developed a **Spam Email Detection Model** that can **Classify** emails as **Spam or Non-Spam** based on their **Content** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Time Series Forecasting | [Link](#)

Nov 2023

Internship Project

CipherByte Technologies

- Forecasted **Humidity and Temperature** of **Kolkata** using **Prophet Time Series** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Unemployment Analysis | [Link](#)

Nov 2023

Internship Project

CipherByte Technologies

- Analyzed **Unemployment Rate** during **COVID-19** in different **States of India** using **Python** Programming language with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others

Iris Flowers Classification | [Link](#)

Nov 2023

Internship Project

CipherByte Technologies

- Classified different **Species of Iris Flowers** using **Logistic**, **SVM**, **Decision Tree**, **Gaussian Naive Bayes**, and **KNN** regression ML models. Additionally, created **K-means Clustering** algorithm using **Elbow** method with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Data Training | [Link](#)

Oct 2023-Nov 2023

Internship Project

CodesOnBytes

- Trained the **Dataset** and predicted **Output** using **Linear** regression ML model with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Netflix Data Analysis | [Link](#)

Oct 2023-Nov 2023

Internship Project

CodesOnBytes

- Analyzed **Data** of the **Netflix** and created **Graphs** with the help of **NumPy, Pandas, Matplotlib, Seaborn**, and others

Netflix Data Cleaning | [Link](#)

Oct 2023-Nov 2023

Internship Project

CodesOnBytes

- Cleaned **Data** of the **Netflix** by replacing **Missing Values** and removing **Outliers** with the help of **NumPy, Pandas, Matplotlib, Seaborn**, and others

Data Creation | [Link](#)

Oct 2023-Nov 2023

Internship Project

CodesOnBytes

- Created a **CSV Dataset** using **API** with the help of **Pandas** and others

Car Price Predictor | [Link](#)

Oct 2023-Nov 2023

Internship Project

Growintern

- Developed **Car Price Predictor** using **Linear, Random Forest, Gradient Boosting, Ridge**, and **Lasso** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Stock Price Prediction | [Link](#)

Oct 2023-Nov 2023

Internship Project

Growintern

- Predicted **Stock Prices** of the **YASH Bank** using **Linear, Decision Tree, Ridge**, and **Lasso** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Restaurant Data Analysis | [Link](#)

Oct 2023-Nov 2023

Internship Project

Cognifyz Technologies

- Analyzed **Data** of the **Restaurant** using **Linear, Decision Tree**, and **Random Forest** regression ML models with the help of **NumPy, Pandas, GeoPandas, Matplotlib, Seaborn, Sklearn**, and others

Spam Email Detection | [Link](#)

Oct 2023-Nov 2023

Internship Project

CognoRise InfoTech

- Developed a **Spam Email Detection Model** that can **Identify** emails as **Spam or Non-Spam** based on their **Content** using **Logistic** regression ML model with the help of **NumPy, Pandas, Sklearn**, and others

House Price Prediction | [Link](#)

Oct 2023-Nov 2023

Internship Project

CognoRise InfoTech

- Predicted **Price of the House** using **Linear** and **Random Forest** regression ML models based on their **Square Footage, View**, and the number of **Bedrooms** and **Floors** with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Breast Cancer Classification | [Link](#)

Oct 2023-Nov 2023

Internship Project

CognoRise InfoTech

- Classified **Breast Cancer** using **Logistic** and **Random Forest** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Movie Recommendation | [Link](#)

Sep 2023-Oct 2023

Internship Project

Digital Bhém

- Developed a **Movie Recommendation System** that **Recommends** movies to users based on their **Past Viewing History** and **Ratings** using **Content-boosted Collaborative Filtering** algorithm with the help of **NumPy, Pandas, Matplotlib, Sklearn, PIL, Pickle**, and others

Fake News Detection | [Link](#)

Sep 2023-Oct 2023

Internship Project

Digital Bhém

- Developed a **Fake News Detection Model** that can **Identify** fake news articles with high accuracy using **Logistic, SVM, Decision Tree, Random Forest**, and **Naive Bayes** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn, NLTK**, and others

COVID-19 Analysis | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Created a **Dashboard** and **Storyboard** showing the Spread of **COVID-19 Cases** in the Country and other Regions. Also, **Identified** interesting **Patterns** and **Possible Reasons** for the Spread of COVID-19 using **Tableau**

Stock Market Prediction | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Predicted a **Hybrid Model** for **Stock Market Performance** using **Numerical Analysis** of Historical Stock Prices and **Sentiment Analysis** of News Headlines with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, **TensorFlow**, and others

Decision Tree Classification | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Created **Decision Tree Classifier** and visualized it graphically using **Decision Tree** algorithm with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Sports Analysis | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Predicted the **Most successful Teams**, **Players**, and **Factors** Contributing Win or Loss of a Team and created **Storyboards** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others

Terrorism Analysis | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Predicted **Hot Zones of Terrorism** and created **Storyboards** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others

Retail Analysis | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Predicted **Weak Areas** where we can work to make more **Profit** and created **Dashboards** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Plotly**, and others

Unsupervised Classification | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Predicted **Optimal Number of Clusters** and represented it visually using **K-means Clustering** algorithm with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Supervised Classification | [Link](#)

Internship Project

Sep 2023-Oct 2023

The Sparks Foundation

- Predicted **Percentage of a Student** based on the number of **Study Hours** and **Score** if a Student studied for 9.25 hours/day using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

ATM Interface | [Link](#)

Internship Project

Sep 2023-Oct 2023

OctaNet Software Services

- Developed **ATM Interface System** with **Python** Programming language on the **VS Code** using **DateTime** and others

Hand Gesture Detection | [Link](#)

Internship Project

Sep 2023

Prodigy InfoTech

- Developed **Hand Gesture Recognition Model** that can **Identify** and **Classify** different **Hand Gestures** from **Image** or **Video** data, enabling intuitive **Human-Computer Interaction** and **Gesture-based Control** Systems with the help of **NumPy**, **Matplotlib**, **Seaborn**, **Sklearn**, **Keras**, and others

Cats and Dogs Image Classification | [Link](#)

Internship Project

Sep 2023

Prodigy InfoTech

- Classified **Images of Cats and Dogs** using **SVM** regression ML model from **Kaggle** dataset with the help of **Matplotlib**, **Keras**, **TensorFlow**, and others

Online Retail Customer Segmentation | [Link](#)

Internship Project

Sep 2023

Prodigy InfoTech

- Created **K-means Clustering** algorithm using **Elbow** method to **Group Customers** of a **Retail Store** based on their **Purchase** history with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

House Price Prediction Link <i>Internship Project</i>	<i>Sep 2023</i> <i>Prodigy InfoTech</i>
<ul style="list-style-type: none"> • Predicted Price of the House using Linear regression ML model based on their Square Footage and the number of Bedrooms and Bathrooms with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Snake Game Link <i>Internship Project</i>	<i>Sep 2023</i> <i>CodeAlpha</i>
<ul style="list-style-type: none"> • Developed Snake Game using Python Programming language with the help of Random, Turtle, Time, and others 	
Quiz Application Link <i>Internship Project</i>	<i>Sep 2023</i> <i>CodeAlpha</i>
<ul style="list-style-type: none"> • Developed Quiz Application using Python Programming language with the help of Tkinter and others 	
Password Generator Link <i>Internship Project</i>	<i>Sep 2023</i> <i>CodeAlpha</i>
<ul style="list-style-type: none"> • Developed Password Generator using Python Programming language with the help of Tkinter, Random, String, and others 	
Credit Card Fraud Detection Link <i>Internship Project</i>	<i>Aug 2023-Sep 2023</i> <i>CodSoft</i>
<ul style="list-style-type: none"> • Detected Credit Card Fraud Transactions using Random Forest regression ML model and Undersampling technique with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Sales Prediction Link <i>Internship Project</i>	<i>Aug 2023-Sep 2023</i> <i>CodSoft</i>
<ul style="list-style-type: none"> • Predicted Sales using Linear regression ML model with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Iris Flowers Classification Link <i>Internship Project</i>	<i>Aug 2023-Sep 2023</i> <i>CodSoft</i>
<ul style="list-style-type: none"> • Classified Iris Flowers using SVM, Decision Tree, Random Forest, and KNN regression ML models with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Movie Rating Prediction Link <i>Internship Project</i>	<i>Aug 2023-Sep 2023</i> <i>CodSoft</i>
<ul style="list-style-type: none"> • Predicted Movie Rating using Linear regression ML model with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Titanic Survival Prediction Link <i>Internship Project</i>	<i>Aug 2023-Sep 2023</i> <i>CodSoft</i>
<ul style="list-style-type: none"> • Predicted Titanic Survival using Logistic, Random Forest, and KNN regression ML models with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Financial Market News Sentiment Analysis Link <i>Internship Project</i>	<i>Aug 2023-Sep 2023</i> <i>YBI Foundation</i>
<ul style="list-style-type: none"> • Analyzed Financial News Sentiment using Random Forest regression ML model with the help of NumPy, Pandas, Sklearn, and others 	
Mileage Prediction Link <i>Internship Project</i>	<i>Jul 2023-Aug 2023</i> <i>YBI Foundation</i>
<ul style="list-style-type: none"> • Predicted Mileage of the Car using Linear and Polynomial regression ML models with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Online Retail Customer Segmentation Link <i>Internship Project</i>	<i>Aug 2023-Sep 2023</i> <i>AlmaBetter</i>
<ul style="list-style-type: none"> • Identified major Customer Segments on a transnational dataset for a UK-based Online Retail Store using K-means Clustering and Agglomerative Clustering algorithms, applying Silhouette Score, Elbow, and DBSCAN methods with the help of NumPy, Pandas, Matplotlib, Seaborn, Sklearn, and others 	
Cardiovascular Risk Prediction Link <i>Internship Project</i>	<i>Jul 2023-Aug 2023</i> <i>AlmaBetter</i>

- Predicted **Cardiovascular Risk in Patients** (over **4k**) using **Logistic, SVM, Decision Tree, Random Forest, XGBoost, Gaussian Naive Bayes, KNN, Neural Network**, and **MLP** regression ML models with the help of **NumPy, Matplotlib, Seaborn, Sklearn**, and others

TED Talk Views Prediction | [Link](#)

May 2023-Jun 2023

Internship Project

AlmaBetter

- Predicted **Views of TED Talks** (over **4k**) using **Linear, Decision Tree, Random Forest, Ridge, Lasso**, and **Elastic Net** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

World Bank Global Education Analysis | [Link](#)

Apr 2023-May 2023

Internship Project

AlmaBetter

- Demonstrated different **EdStats Indicators** (over **4k**) of the **World Bank on Education System** with the help of **NumPy, Pandas, Matplotlib, Seaborn**, and others

Iris Flowers Classification | [Link](#)

Aug 2023-Sep 2023

Internship Project

Bharat Intern

- Classified different **Species of Iris Flowers** using **Decision Tree** regression ML model with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Wine Quality Prediction | [Link](#)

Aug 2023-Sep 2023

Internship Project

Bharat Intern

- Predicted **Quality of the Wine** using **Logistic, SVM, Decision Tree, Random Forest, SGD**, and **MLP** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

House Price Prediction | [Link](#)

Aug 2023-Sep 2023

Internship Project

Bharat Intern

- Predicted **Price of the House** using **Linear** regression ML model with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Personality Prediction | [Link](#)

Aug 2023-Sep 2023

Internship Project

CodeClause

- Predicted **Personality via CV Analysis** using **XGBoost** regression ML model for **MBTI** dataset with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Blindness Detection | [Link](#)

Aug 2023-Sep 2023

Internship Project

CodeClause

- Detected **Blindness** by creating an **Automated Analysis System** capable of assigning a **Score** based on the Scale **[0-4]** with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn, PIL**, and others

Gold Price Prediction | [Link](#)

Aug 2023-Sep 2023

Internship Project

CodeClause

- Predicted **Price of the Gold** using **Random Forest** regression ML model with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

House Price Prediction | [Link](#)

Aug 2023-Sep 2023

Internship Project

CodeClause

- Predicted **Price of the House** using **Linear, Random Forest**, and **XGBoost** regression ML models with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn**, and others

Facial Recognition | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Implemented **Facial Recognition System** to detect **Mood** and suggest **Songs** accordingly using **CNN** model with the help of **NumPy, Pandas, Matplotlib, Seaborn, Sklearn, Keras, TensorFlow**, and others

Handwritten Equation Solver | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Implemented **Handwritten Equation Solver** using **CNN** model with the provided dataset from **Kaggle** with the help of **NumPy, Pandas, Matplotlib, PIL, Keras**, and others

Next Word Prediction | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Predicted **Next Word** using **RNN** model with the help of **NumPy, Matplotlib, Seaborn, Keras**, and others

Handwritten Digit Recognition | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Developed a **Handwritten Digit Recognition System** using **MNIST** dataset with the help of **NumPy**, **Pandas**, **Matplotlib**, and others

Decision Tree Classification | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Classified different **Species of Iris Flowers** using **Decision Tree** algorithm with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Terrorism Analysis | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Analyzed **Exploratory Data on Terrorism** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others

Image to Pencil Sketch | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Converted **Image to Pencil Sketch** using **Image Processing** techniques with the help of **NumPy**, **Pandas**, **Matplotlib**, **PIL**, **OpenCV**, and others

Music Recommendation | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Built a **Music Recommendation System** using **KKBOX** dataset from **Kaggle** with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Stock Market Prediction | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Predicted **Stock Prices** of the company **TATA GLOBAL** using **Stacked LSTM** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Iris Flowers Classification | [Link](#)

Aug 2023

Internship Project

LetsGrowMore

- Classified different **Species of Iris Flowers** using **Decision Tree** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Sales Prediction | [Link](#)

Jul 2023-Aug 2023

Internship Project

Oasis Infobyte

- Predicted **Sales** of different **Items** using **Linear**, **Random Forest**, **XGBoost**, and **OLS** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Email Spam Detection | [Link](#)

Jul 2023-Aug 2023

Internship Project

Oasis Infobyte

- Detected **Messages** as **Spam or Non-Spam** using **Decision Tree**, **Random Forest**, and **Multinomial Naive Bayes** regression ML models with the help of **NumPy**, **Pandas**, **Matplotlib**, **NLTK**, and others

Car Price Prediction | [Link](#)

Jul 2023-Aug 2023

Internship Project

Oasis Infobyte

- Predicted **Price of the Car** on different factors using **Linear** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Unemployment Analysis | [Link](#)

Jul 2023-Aug 2023

Internship Project

Oasis Infobyte

- Analyzed **Unemployment Rate** in different **States of India** using **Python** Programming language with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and others

Iris Flowers Classification | [Link](#)

Jul 2023-Aug 2023

Internship Project

Oasis Infobyte

- Classified different **Species of Iris Flowers** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Diabetes Prediction | [Link](#)

Jun 2023-Jul 2023

Internship Project

TechnoHacks EduTech

- Predicted **Diabetes** in the **Patients** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Sklearn**, and others

Fraud Transaction Detection | [Link](#)

Internship Project

Jun 2023-Jul 2023
TechnoHacks EduTech

- Detected **Fraud Transactions** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, **Sklearn**, and others

Heart Disease Prediction | [Link](#)

Internship Project

Jun 2023-Jul 2023
TechnoHacks EduTech

- Predicted **Heart Disease** in the **Patients** using **Logistic** regression ML model with the help of **NumPy**, **Pandas**, **Seaborn**, **Sklearn**, and others

Text Summarization | [Link](#)

Internship Project

Jun 2023-Jul 2023
Suvidha Foundation

- Implemented a **Model** for **Abstractive Text Summarization** using **GloVe** and **RNN Encoder-Decoder** models with a sample dataset of news articles (**CNN**, **Daily Mail**) with the help of **NumPy**, **Pandas**, **NLTK**, **Pickle**, and others

Object Identification RADAR System for Embedded Systems | [Link](#)

Guide: Asst. Prof. Dr. Ashok Kherodia | B. Tech. Thesis & RnD Project

Feb 2019-Dec 2019
Indian Institute of Information Technology Kota

- Developed **RADAR System** for **Identification** of the **Range**, **Altitude**, **Direction**, and **Speed** of both moving and fixed **Objects**
- Used existing **Techniques** like **Arduino IDE (Cross-platform Application)** and **Processing Software** for visual context with simple syntax and graphics programming model
- The purpose of the **Project** is to Reduce **Accidents**, Help **Blind Persons**, and use **Surveillance**
- Working on the **System**, to make it more useful by 360-degree **Rotation**, the **Servo Motor** will cover more area in **Detection** with the higher-ranged **Ultrasonic Sensor**

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS, SQL

Data Science Libraries: NumPy, Pandas, Matplotlib, Seaborn, Sklearn, Keras, TensorFlow

Softwares: Jupyter Notebook, Visual Studio Code, Windows, LaTeX, GitHub

Others: Collaboration, Communication, Adaptability, Teamwork, Leadership

POSITIONS OF RESPONSIBILITY

Campus Ambassador | [Link](#)

Kaizen, NSS IIT Delhi

Feb 03, 2024-Mar 17, 2024

- Selected as **Campus Ambassador** out of **492** applicants after careful ethical assessment
- Promoted **Kaizen** in the College and Social Circles through Social Media Platforms such as **Instagram**, **Facebook**, **WhatsApp**, and **LinkedIn**
- Promoted **Events** of Kaizen and encouraged People to **Participate** in them
- Completed specific **Tasks** for evaluation and competed with other **CAs**

Campus Ambassador | [Link](#)

eDC, IIT Delhi

Dec 10, 2023-Feb 10, 2024

- Selected as **Campus Ambassador** out of **6876** applicants after careful ethical assessment
- Developed campus-specific **Marketing Campaigns** and promoted **Entrepreneurship**
- Planned and organized **Entrepreneurship Events** in the College with the support of the eDC, IIT Delhi
- Increased the **Outreach** of initiatives of the eDC, IIT Delhi to promote **Entrepreneurial Activities** in the College network

Campus Ambassador | [Link](#)

E-Summit, IIT Bhubaneswar

Nov 25, 2023-Feb 04, 2024

- Selected as **Campus Ambassador** out of **512** applicants after careful ethical assessment and an interview process
- Promoted **E-Summit** among **Peers** as well as in different schools/universities and got **Registrations**
- Promoted on **Social Media** as well as through different **Channels**
- Organized **Presentations** in the Institute and acted as a connection between Participants and E-Summit
- Created awesome **Content** pieces like **Blogs**, **Social Media Posts**, and **Articles** for the official E-Summit handles

Campus Executive | [Link](#)

E-Cell, IIT Bombay

Jul 25, 2023-Feb 04, 2024

- Selected as **Campus Executive** out of **5000** applicants after careful ethical assessment

- Planned and organized **Events** for promoting **Entrepreneurship** in the College with the support of E-Cell, IIT Bombay, and helped Contribute to the aim of creating **Job Creators**
- Became the first **Point of Contact** by representing the E-Cell, IIT Bombay at the College
- Increased the **Outreach** of initiatives of the E-Cell, IIT Bombay to promote **Entrepreneurial Activities** in the College network
- Led and Coordinated with the **Startup Ecosystem** in and around the College and conducted Events

Campus Ambassador | [Link](#)

Nov 28, 2023-Jan 28, 2024

Chaos, IIM Ahmedabad

- Selected as **Campus Ambassador** out of **348** applicants after careful ethical assessment and an interview process
- Spearheaded the **Promotion of Chaos 2024** by coordinating and creating **Buzz** for Chaos 2024 Events
- Drove **Participation** by highlighting major **Events** of Chaos
- Ensured **Cooperation** for flagship Events through different Social Media Platforms

College Representative | [Link](#)

July 05, 2023-Jan 22, 2024

Abhyuday, IIT Bombay

- Selected as **College Representative** out of **639** applicants after careful ethical assessment and an interview process
- Served as the official **Representative** of Abhyuday, IIT Bombay, at the College
- Developed innovative **Ideas** to reach a wider Audience and amplify the Impact on Society
- Ideated, planned, and executed **Events**, **Campaigns**, and **Competitions** at the College in collaboration with Abhyuday, IIT Bombay

Campus Ambassador | [Link](#)

Dec 10, 2023-Jan 21, 2024

Backwaters, IIM Kozhikode

- Selected as **Campus Ambassador** out of **436** applicants after careful ethical assessment
- Ensured **Circulation** through College Emails if any such Email is available
- Regularly **Promoted** in WhatsApp Groups of College
- Got **Registrations** across all Competitions of Backwaters
- Put up **Stories of Backwaters** on Instagram and commented on **Posts** made from my Instagram handle
- Put up A4 size **Posters** about the Events in the College and shared **Images** of the same

Campus Ambassador | [Link](#)

Dec 02, 2023-Jan 07, 2024

Shaastra, IIT Madras

- Selected as **Campus Ambassador** out of **836** applicants after careful ethical assessment
- Developed campus-specific **Marketing** and outreach **Programs/Campaigns**
- Publicized **Sampark** – a PAN India Event conducted by Shaastra for Colleges across the country and secured **News Articles** for the same
- Found innovative and effective **Social Media Strategies** that helped Shaastra reach the targeted Audience
- Headed the Campus as the **Contingent Head** at the Shaastra Grand Championship, which took place during Shaastra

College Ambassador | [Link](#)

Jun 10, 2023-Dec 29, 2023

Techfest, IIT Bombay

- Selected as **College Ambassador** out of **11570** applicants after careful ethical assessment and an interview process
- Represented **Techfest** at the College, and acted as a link between the Students and Techfest, IIT Bombay
- Ideated, planned, organized, and promoted the **Events** of Techfest through various **Mediums** and **Channels**
- Strategized and experimented with innovative **Marketing** and **Publicity Strategies** to increase Student Participation
- Engaged in **Discussions** with the other CAs and the Techfest Coordinators to bring new **Ideas** to the fest

Campus Ambassador | [Link](#)

Nov 29, 2023-Dec 24, 2023

Amaethon, IIM Ahmedabad

- Selected as **Campus Ambassador** out of **314** applicants after careful ethical assessment and an interview process
- Promoted **Amaethon 2023** and all its Events within the Campus by sharing Event details and Posters both offline (word of mouth publicity) and online (WhatsApp groups, Instagram page, FB page)
- Convinced other **Students** on the Campus to register and participate in different Events of Amaethon 2023
- Regularly **Updated** regarding the **Events** in the College, posted the relevant **Posters** that were provided to me, and drove maximum **Participation** in the Events
- Created **Buzz** about Amaethon 2023 through different Social Media Platforms

Campus Ambassador | [Link](#)

Oct 04, 2023-Nov 19, 2023

7 Lakes Fest, IIM Calcutta

- Selected as **Campus Ambassador** out of **300** applicants after careful ethical assessment
- Acted as a single **Point of Contact** for all Communication between the 7 Lakes Fest Team, IIMC, and the College
- Developed campus-specific **Marketing Campaigns** and promoted 7 Lakes Fest **Events** in the College
- Drove and managed **Participants** from the College on Event Day and afterward

- Handled the distribution of **Participation Certificates** and **Goodies** to the College community
- Collected **Feedback** and shared new **Ideas** from the College community with the 7 Lakes Fest Team, IIMC

Campus Ambassador | [Link](#)

Jun 01, 2023-Sep 03, 2023

Techniche, IIT Guwahati

- Selected as **Campus Ambassador** out of **4832** applicants after careful ethical assessment and an interview process
- Promoted **Techniche 2023** among **Peers** as well as in different schools/universities and got **Registrations** for the same
- Promoted on **Social Media** as well as through different **Channels**
- Organized **Presentations** in the Institute and be a connection between Participants and Techniche
- Created awesome **Content** pieces like **Blogs**, **Social Media Posts**, and **Articles** for the official Techniche handles

Campus Ambassador | [Link](#)

May 29, 2023-Jul 09, 2023

Vista, IIM Bangalore

- Selected as **Campus Ambassador** out of **458** applicants after careful ethical assessment
- Regularly **Updated** the College regarding the **Events**, **Workshops**, **Speaker Sessions**, and drove **Participation**
- Promoted **Vista 2023** in the College through different Social Media Platforms like **Facebook** (**5.0k+** followers), **Instagram** (**400+** followers), **LinkedIn** (**4.0k+** followers), **YouTube** (**50+** subscribers), etc.
- Promoted the **Events** among friends by forwarding the weekly **Vista Mailers**

EXTRACURRICULARS

- Completed **2000 to 2500 Difficulty Problems** Course conducted by **CodeChef** | [Link](#) *Aug 14, 2024-Dec 03, 2024*
- Completed **Python Interview Questions** Course conducted by **CodeChef** | [Link](#) *Aug 04, 2024-Nov 29, 2024*
- Completed **2D Array or Matrices** Course conducted by **CodeChef** | [Link](#) *Nov 05, 2024-Nov 27, 2024*
- Completed **Python Coding Challenges** Course conducted by **CodeChef** | [Link](#) *Oct 17, 2024-Nov 27, 2024*
- Completed **500 Difficulty Rating** Course conducted by **CodeChef** | [Link](#) *Aug 03, 2024-Nov 25, 2024*
- Completed **Combinatorics** Course conducted by **CodeChef** | [Link](#) *Jul 20, 2024-Aug 20, 2024*
- Participated in **Data Structures and Algorithms** CodeChef Certification Test conducted by **CodeChef** | [Link](#) *Jul 26, 2024*
- Participated in **Python** CodeChef Certification Test conducted by **CodeChef** | [Link](#) *Jul 20, 2024*
- Completed **Python** Course conducted by **GeeksforGeeks** | [Link](#) *Jun 17, 2024-Jul 17, 2024*
- Completed **Data Science** Course conducted by **GeeksforGeeks** | [Link](#) *Jun 13, 2024-Jul 13, 2024*
- Completed **Linked Lists** Course conducted by **CodeChef** | [Link](#) *May 23, 2024-Jun 23, 2024*
- Completed **Data Structures and Algorithms** Course conducted by **Coding Ninjas** | [Link](#) *May 22, 2024-Jun 22, 2024*
- Completed **Competitive Programming** Course conducted by **Coding Ninjas** | [Link](#) *Nov 23, 2023-Mar 23, 2024*
- Completed **Basics of Python** Course conducted by **Coding Ninjas** | [Link](#) *Dec 27, 2023-Jan 27, 2024*
- Participated in **Trade Relations Quiz Series | India - South Africa** Quiz organized by **Arthashastra, IIM Rohtak** | [Link](#) *Jan 20, 2024*
- Participated in **Basics of Stock Market** Workshop conducted by **Upserge** | [Link](#) *Jan 17, 2024*
- Participated in **Trade Relations Quiz Series | India - Japan** Quiz organized by **Arthashastra, IIM Rohtak** | [Link](#) *Jan 17, 2024*
- Participated in **Round 1 | Entrepreneurial Ideation** Competition organized by **E-Summit, IIT Bhubaneswar** | [Link](#) *Jan 11, 2024*
- Participated in **E-Contest** Coding Contest organized by **Shaastra, IIT Madras** | [Link](#) *Jan 09, 2024*
- Completed **Introductory Options** Course conducted by **Finance and Economics Club, IIT Guwahati** | [Link](#) *Dec 04, 2023-Jan 05, 2024*
- Participated in **Mastering Markets** Challenge organized by **Consulting and Analytics Club, IIT Guwahati** | [Link](#) *Jan 02, 2024*
- Completed **ChatGPT** Course conducted by **Coding Ninjas** | [Link](#) *Dec 01, 2023-Dec 31, 2023*

- Participated in **Problem Solving (Basic)** HackerRank Certification Test conducted by **HackerRank** | [Link](#) Dec 31, 2023
- Completed **The Venture Capital Boot Camp** conducted by **E-Cell, IIT BHU** | [Link](#) Dec 10, 2023-Dec 22, 2023
- Participated in **Epigramma** Competition organized by **E-Summit, IIT Bhubaneswar** | [Link](#) Dec 18, 2023
- Completed **Certified Learn Six Sigma AI Yellow Belt** Boot Camp conducted by **Sporen and Gewinn Consulting** | [Link](#) Dec 17, 2023
- Participated in **Analog Circuit Design** Challenge organized by **Shaastra, IIT Madras** | [Link](#) Dec 17, 2023
- Participated in **Eleckart** Challenge organized by **Shaastra, IIT Madras** | [Link](#) Dec 15, 2023
- Participated in **Chanakyaneeti** Challenge organized by **Shaastra, IIT Madras** | [Link](#) Dec 12, 2023
- Participated in **CP Potpourri** Coding Contest organized by **Shaastra, IIT Madras** | [Link](#) Dec 10, 2023
- Participated in **Quantathon** Contest organized by **Shaastra, IIT Madras** | [Link](#) Dec 08, 2023
- Completed **Python Course for Beginners** Tutorial conducted by **Scaler** | [Link](#) Dec 05, 2023
- Completed **Data Analysis with Python** Boot Camp conducted by **LetsUpgrade** | [Link](#) Nov 27, 2023-Dec 02, 2023
- Participated in **Python (Basic)** HackerRank Certification Test conducted by **HackerRank** | [Link](#) Dec 02, 2023
- Participated in **SQL (Basic)** HackerRank Certification Test conducted by **HackerRank** | [Link](#) Dec 02, 2023
- Participated in **Round 1 | Tata Brand Assessment of Tata Imagination** Challenge organized by **Tata Group** | [Link](#) Nov 29, 2023
- Participated in **Data Skills 3 Day** Challenge organized by **Crion Versity** | [Link](#) Nov 25, 2023-Nov 27, 2023
- Completed **Basics of Machine Learning** Course conducted by **Coding Ninjas** | [Link](#) Oct 22, 2023-Nov 22, 2023
- Completed **Data Science** Course conducted by **Coding Ninjas** | [Link](#) Oct 22, 2023-Nov 22, 2023
- Participated in **AI for Students: Build Your Own Generative AI Model** Workshop conducted by **NxtWave** | [Link](#) Nov 08, 2023
- Participated in **Entrepreneurship Awareness Drive - Local Startups Meet 2023** conducted by **E-Cell, IIT Kharagpur** | [Link](#) Oct 27, 2023
- Completed **Basics of Generative AI | Build your own ChatGPT Model** Boot Camp conducted by **Open Weaver** | [Link](#) Oct 04, 2023
- Participated in **Power BI** Workshop conducted by **LUDIFU (Let Us Do It For U)** | [Link](#) Sep 30, 2023
- Participated in **Understanding Generative AI with Large Language Models (LLM's)** Webinar conducted by **CloudxLab** | [Link](#) Sep 26, 2023
- Completed **Product Matters 3.0** Boot Camp conducted by **E-Cell, IIT Guwahati** | [Link](#) Aug 07, 2023-Sep 13, 2023
- Participated in **Data Analytics** Workshop conducted by **Jobaaj Learnings** | [Link](#) Aug 19, 2023-Aug 23, 2023
- Completed **Web Design and Development** Boot Camp conducted by **CodeClause** | [Link](#) Aug 12, 2023-Aug 14, 2023
- Participated in **Microsoft Learn AI Skills** Challenge organized by **Microsoft Learn** | [Link](#) Jul 17, 2023-Aug 14, 2023
- Completed **Breaking into Product Management** Course conducted by **GeeksforGeeks** | [Link](#) Jul 14, 2023-Aug 14, 2023
- Participated in **Level 1.1: E-Commerce & Tech Quiz** organized by **Flipkart** | [Link](#) Aug 09, 2023
- Participated in **Product Role Strategies** Webinar conducted by **Coding Ninjas** | [Link](#) Aug 04, 2023
- Completed **10-Day Fundamental Analysis** Boot Camp conducted by **Finance and Economics Club, IIT Guwahati** | [Link](#) Jul 01, 2023-Jul 10, 2023
- Completed **Data Analytics and Visualization Virtual Experience** Course conducted by **Accenture** | [Link](#) May 03, 2023-Jun 03, 2023
- Completed **The Fundamentals of Digital Marketing** Course conducted by **Google Digital Unlocked** | [Link](#) May 01, 2023-May 31, 2023