

SUMMARY

Results-driven Senior Data Scientist with over 3.5 years of experience in leveraging data analysis to drive business success. Proficient in SQL and Python, specializing in predictive modeling and machine learning strategies to deliver actionable insights.

SKILLS

- Python • Exploratory Data Analysis • Linear Regression • Logistic Regression • Predictive & Statistical Modelling • Random Forests • SQL • Principle Component Analysis
- AWS • TensorFlow • Keras • Natural Language Processing • Machine Learning • CNN • RNN

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification from DeepLearning.ai, Stanford University | Coursera | Apr '24
- Google Cloud Platform Fundamentals | Google | Aug '21

PROFESSIONAL EXPERIENCE

Analyst

Apr '23 - Present

Marsh & McLennan Global Services India

Mumbai, IN

Marsh McLennan Global Services India Private Limited (MMGS) is part of Marsh McLennan, the world's leading professional services firm in the areas of risk, strategy, and people.

- Redesigned data models through iterations that improved predictions by **13%**
- Utilized statistical techniques to interpret data, analyze results and provide **20+** ongoing reports
- Conducted A/B tests to enhance user engagement on web interfaces resulting in a **7% increase in user interactions**
- Tested and implemented decision trees, **random forests**, and **ensemble models** via bagging and boosting

Software Engineer

Jan '21 - Apr '23

LTIMindtree Limited

Mumbai, IN

LTIMindtree Limited is an Indian multinational information technology services and consulting company based in Mumbai

- Created a comprehensive framework and automated over **600** test cases using WebdriverIO with a BDD approach for conducting **Smoke, Regression** tests for UI/UX Testing
- Played a pivotal role in slashing testing time by half through the **automation of API Testing for applications with Postman**, resulting in a 50% reduction

Intern

Jun '19 - Aug '19

Tata Consultancy Services

Mumbai, IN

Tata Consultancy Services Limited is an Indian multinational information technology services and consulting company.

- Created a **REST API** using Springboot in **Java** and **Kotlin**
- Gained expertise in Microservices architecture, leveraging **Spring Boot**, to enhance project efficiency by 20%
- Leveraged JMeter & JUnits for conducting Unit & Performance Testing on a Web Application, with a scale of **10K users**

KEY PROJECTS

- **Telecom Churn | Tech Stack: Python | Jul '23**
 - Objective: A telecom company was facing issues with why their best customers are leaving
 - Solution: Designed **decision trees** along with **random forest** to predict the probability scores
 - Key Achievement: Created a model with an **AUC score of 0.74**
- **House Price Prediction | Tech Stack: Python | May '23**
 - Objective: To build a regression model using regularization, so as to predict the actual value of the prospective properties.
 - Solution: Designed various Regression models(**Linear, Ridge, Lasso**)to find the property prices.
 - Key Achievement: Predicted actual value of the prospective properties using **Lasso Regression**

EDUCATION

Post Graduate Diploma in Machine Learning and Artificial Intelligence

Feb '23 - May '24

IIIT Bangalore & upGrad

Bengaluru, IN

B.E. in Electronics and Telecommunication

Aug '16 - Oct '20

University of Mumbai

Mumbai, IN