



SAKSHAT KUMAR

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Portfolio Website:

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Kaggle: www.kaggle.com/kumarsakshat22

PROFILE

I am a motivated Data Scientist with **Post Graduate degree** in **Artificial Intelligence and Machine Learning** from **PURDUE UNIVERSITY** (in collaboration with IBM & Simplilearn). Passionate about building models that fix business problems. Experience includes working in relevant skills such as problem solving, programming, creative thinking machine learning, deep learning and computer vision. Looking for opportunities to work with maximum potential in a dynamic environment.

SKILLS

- Python
- Java
- Tensor flow, Keras
- Robot Framework, RestAPI
- SQL
- Data science
- Deep learning Neural networks
- Data science, data analysis, features engineering.
- Critical thinking
- Problem Solving

EDUCATION

Post Graduation: Artificial intelligence and machine learning.
Purdue University { IBM and Simplilearn }

Graduation Date- February 2023

B.E : Electronics and Communication

{ With **machine learning** and **deep learning** as electives. }

Ramaiah Institute of technology – Bangalore, Karnataka

Graduation Date- August 2020

CGPA- 8.57

10 + 2- {12th} : Science

Kendriya Vidyalaya {AFS yelahanka} – Bangalore, Karnataka

Graduation Date- May 2015

Percentage-91%

WORK EXPERIENCE

QA & Automation engineer (Jan 2020 – October 2021)

FINASTRA – Bangalore , Karnataka

- Headed the RestAPI suites development within the team. Developed REST API suites using Postman for Fintech product.
- Maintained the test database and environment and Automated Test case suites using Python and robot framework on selenium.
- Rewarded several times by company for contribution for timely delivery of urgent requirements.

Intern (July 2019 - September 2019)

Ramaiah memorial hospital – Bangalore, Karnataka

- Developed a cross-platform Mobile application for digitalization of hospital records using android studio, flutter.
- Created a database for storing all the patient records as well as new entries using SQL and mongoDB.

CERTIFICATIONS, LICENSES, AND EXTRA TRAINING

- **British Airways Data Science Virtual Experience Program** on Forage.
 1. Web scrapping to gain company insights using BeautifulSoup.
 2. Predicting customer buying behavior.
- **BCG's Open access Data Science & advanced analytics Virtual experience Program** on forage.

- Time Management

HONORS, AWARDS, PROFESSIONAL MEMBERSHIP

- 4th prize in inter-college Engineering math's quiz
- IEEE competitions and workshops
- Several Awards and Trophies in Team Sports such as Cricket, Football etc.

HOBBIES & INTERESTS

- Learning about emerging AI technology.
- Playing sports
- Watching football.
- Gathering knowledge.
- Travelling.

LANGUAGES

- English – Professional
- Hindi -- Professional

1. Business Understanding & Hypothesis Framing
2. Exploratory Data Analysis.
3. Uncovering signals within the data, predicting churn probability and evaluating model performance.
4. Presenting results and giving recommended actions to the client

- **PG AI** - AI and Machine Learning Capstone Project
- **Deep Learning** with TensorFlow and Keras By **IBM**
- **Machine Learning** By **Simplilearn** and **IBM**.
- **Python for Data Science** By **Simplilearn** and **IBM**
- **Python** By **Simplilearn**
- **Python for Applied Data Science** By **IBM**
- **NPTEL certificates** – Signal Processing , Machine Learning by IIT

PROJECTS

- **Capstone Project – post graduation {Purdue university} – Dec 2022.**
 - i) **Retail sales forecasting** - Analyzing the business of various Super mart and comparing the prediction with various regression models.
 - ii) **Fraud detection** using banking transactions.
- **College – End Semester Projects:**
 - i) **Alzheimer detection and classification** using CNN and deep learning – January 2020
 - ii) **Number Plate detection and number recognition** using YOLO deep learning algorithm – April 2019
- **Image classification using CNN and OpenCV**
- **Twitter sentiment analysis.**
- **Movie Recommendation system.**
- **Anomaly Detection.**