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# Vicky Kumar

Python Developer

## SUMMARY

I am a Data Scientist with a Bachelor's degree in Computer Science and Engineering with specialization in Data Science and one year of experience in Flask Framework.

## KEY SKILLS

**• Python • Data Science • Machine Learning (Supervised, Unsupervised learning) • NLP • Data Analysis • Data Visualization • Probability and Statistics • MySQL • MongoDB • Amazon AWS • Git • JavaScript**

## TECHNICAL SKILLS

**Tools/Languages**: Python, SQL, Hadoop
**Cloud**: Amazon AWS
**Database**: MySQL, MongoDB
**MS Excel** (Basic)

## CERTIFICATIONS

- **Python (Basic) Certificate** | Hackerrank
  - It covers topics like Scalar Types, Operators and Control Flow, Strings, Collections and Iteration, Modularity, Objects, Types and Classes
- **Flask Framework** | The Sparks Foundation
  - Problem Statement - To Perform 'Exploratory Data Analysis' on dataset 'SampleSuperstore'

## ADDITIONAL INFORMATION

- **Volunteer** as Hackathon Coordinator in Rajasthan Institute of Engineering and Technology, Jaipur | Jun '21
- **Languages**: English, Hindi (native)

## EDUCATION

### Post Graduate Diploma in Data Science
Jan '23 - Dec '23

**IIIT Bangalore & upGrad**
Bengaluru, IN

- **Course Modules:**
  - Data Analysis using SQL | Introduction to Python | Introduction to Machine Learning and Linear Regression
  - Time Series Analysis | Telecom Churn Case Study | Lexical Processing | Syntactic Processing
  - Business Problem Assignment | Analytics using PySpark

### Bachelor of Technology in Computer Science and Engineering
Apr '18 - Apr '22

**Rajasthan Institute of Engineering and Technology**
Rajasthan, IN

*Taught my Juniors about my projects in Ideationology lab*

- Secured 80%

## KEY PROJECTS

Lead Scoring Case Study | Tech Stack: Python | Sept '23

- Objective: The company requires us to build a model wherein I need to assign a lead score to each of the leads such that the customers with higher lead scores have a higher conversion chance and the customers with lower lead scores have a lower conversion chance.
- Solution: Build a logistic regression model to assign a lead score between 0 and 100 to each of the leads which can be used by the company to target potential leads.
- Key Achievement: Prediction on test set with overall **accuracy 81%**

SQL RSVP Movies Case Study | Tech Stack: SQL | June '23

- Objective: To perform SQL queries on the IMDb database to provide recommendations to RSVP Movies based on insights.
- Solution: Analyzed the given data and give recommendations to RSVP Movies based on the insights
- Key Achievement: Created Executive Summary and Recommendations

## PROFESSIONAL EXPERIENCE

### Associate Software Engineer
Jun '22 - Jan '23

**NeosAlpha Technologies**
Jaipur, IN

**Report Generation**

- Generating **weekly reports** and updating the resources with new data
- **Training** the recruits in data storage structures and **data cleansing** while managing & maintaining master data
- Resolving issues pertaining to dashboards and reporting database environment and overseeing the **quality assurance** of the **imported data**

### Intern - Flask Framework
Aug '21 - Jan '22

**Parken Solutions**
Jaipur, IN

- Created project with Flask Framework like News Website, where data is fetch from News API.
- Learnt to host flask based project on hosting services like Heroku App, SeeNode and PythonAnywhere.
- Project URL: https://imvickykumar999.pythonanywhere.com/