Vicky Kumar

Python Developer

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SUMMARY

Enthusiastic and motivated Computer Science graduate with a passion for Data Science, and Web Scraping. Experienced in Flask Framework with one year of experience. Skilled in Python, Data Science, Machine Learning, NLP, Probability and Statistics, SQL, MongoDB, Amazon AWS, and Git.

PROFESSIONAL EXPERIENCE

Associate Software Engineer   Jun '22 - Jan '23

NeosAlpha Technologies   Jaipur, IN

Report Generation
- Successfully generated weekly reports and updated resources with new data as a key responsibility.
- 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

- Developed a dynamic News Website using Flask Framework and integrated News API for efficient data retrieval.
- Deployed Flask-based projects on hosting services including Heroku App, SeeNode, and PythonAnywhere.
- Project URL: https://imvickykumar999.pythonanywhere.com/

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

KEY SKILLS

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

TECHNICAL SKILLS

Tools/Languages: Python, SQL, Hadoop | **Cloud**: Amazon AWS | **Database**: MySQL, MongoDB | **Data Visualization:** Excel, PowerBI, Tableau

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

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

Rajasthan Institute of Engineering and Technology   Rajasthan, IN

- Secured 80%

CERTIFICATIONS

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