

Vikas Jangra

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Summary

A motivated strategic solution seeker driven by analyzing, optimizing, and implementing analytical approach. Team oriented critical thinker with intern experience and relevant academic coursework.

Technical Skills

Languages: Python, R, SQL, C, C++, PySpark

Data Analysis and Big Data: Tableau, Power BI, KNIME, Pandas, NumPy, Hadoop, PySpark, PIG, Excel (pivot tables, VBA), ETL, Web Scraping, Kafka

Data Science: Machine Learning, Natural Language Processing, Regression Analysis, Predictive Analysis.

Cloud Technologies: AWS, Microsoft Azure, AWS EC2.

Software Tools: MS PowerPoint, MS Visio, Excel, GitHub.

Professional Experience

Swiss Re

May 2022 – August 2022

Business Analyst Intern

New York, USA

- Developed ML algorithm to calculate cyber risk score of cloud platform based on the configurations and service enabled using optical image recognitions of the cloud subscription bill receipt.
- Executed research and collected data about recent cyber-attacks and their cause to revise and boost the algorithms with dynamic dashboards.
- Gathered data using web scraping about the recent cyber threats using beautiful soup library, SQL and carried out data driven analysis for ad-hoc, collaborated with solution architect to build logical data models
- Responsible for documenting the weekly presentation decks based on the business requirements and different personas workflow perspective.
- Prepared summary presentation decks covering anticipated revenue generated for next 1 year term as discussed in offsite at NYC for VP and global head.
- Aided in the marketing the product, covering the projected cyber security market of North America in 2022, which is expected to grow 100% in 5 years.
- Assisted in bringing out the strategy to introduce the product to market and for MVP by market research.

Keka HR

February 2021 – July 2021

Business Analyst

Hyderabad, India

- Responsible for testing the HR Software with Test Planning, Regression Testing, Unit testing, Functional testing, Usability testing
- Gathered feedback from the clients and implemented the changes in the software with SDLC.
- Prepared the SDLC of software, and flowchart of all the functionality in the software, to ease process and testing.

ManPraX

May 2019 – July 2019

Web Developer Intern

New Delhi, India

- Responsible for maintaining the company website and created WordPress plugins using JavaScript, Ajax, PHP, CSS, and Django.

Certifications and Rewards

- Cisco Python Programming (PCAP)
- Advanced Google Analytics
- University Business Analytics Poster Competition (First Prize, Second Prize and Prime Award)

Projects

Customer Churn Prediction and Revenue Loss prediction

November 2022 – November 2022

- Performed ETL on Data using PySpark on Databricks and using SQL to import the data and work on it.
- Created visualization on Databricks and using pandas and connecting Tableau using Hadoop.
- Using XgBoost and Random Forest classifier, predicted the churn rate and revenue loss, resulting 5% customer capturing 16% of total revenue.

Predicting Eligibility for Credit Card Approval

November 2022 – December 2021

- Predicting the dependent variable and the important feature.
- Used Logistic Regression to classify the customer, secured 98% accuracy compared it using the confusion matrix.

Education

Clark University

August 2021 – May 2023

MS Business Analytics (STEM) 3.80 / 4.0

Worcester, MA

Relevant Coursework: Big Data, Machine Learning, SQL, Business Intelligence, Python, R.

Amity University

August 2017 – July 2021

Bachelor of Technology in Computer Science and Engineering

Gurgaon, India

Relevant Coursework: PHP, Python, C, Database, ERP.