

Vikas Jangra

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Summary

Data Engineer at Lenovo specializing in cloud and software solutions; building and optimizing data pipelines, analyzing data, and delivering strategic, data-driven solutions for business growth.

Technical Skills

Languages: Python, SQL, PySpark

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

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

Cloud Technologies: AWS, Microsoft Azure, AWS EC2.

Software Tools: MS PowerPoint, MS Visio, Excel, GitHub, JIRA, Bitbucket, Confluence

Professional Experience

Lenovo **June 2023 – Present**
Raleigh, NC, USA
Associate Cloud Software Developer

- Responsible for maintaining data pipeline for LDI (Lenovo Device Intelligence) consisting of millions of data.
- Responsible for fixing the security issues in the project and reviewing the project code in python.
- Working as Software Business and Market Analyst, to project the growing industry where Lenovo can invest.
- Working on Datadog to create dashboard of Logs with various analysis.

Swiss Re **May 2022 – August 2022**
New York, USA
Business Analyst Intern

- 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.
- Prepared summary presentation decks covering anticipated revenue generated for next 1 year term
- 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**
Hyderabad, India
Business Analyst

- Responsible for testing the HR Software with multiple test planning.
- Gathered feedback from the clients and implemented the changes in the software with SDLC.
- Prepared the SDLC, flowchart of all the functionality in the software, to ease process and executed A/B testing.

ManPraX **May 2019 – July 2019**
New Delhi, India
Web Developer Intern

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

Certifications and Rewards

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

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.

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**
Worcester, MA
MS Business Analytics (STEM) 3.80 / 4.0
Relevant Coursework: Big Data, Machine Learning, SQL, Business Intelligence, Python, R.

Amity University **August 2017 – July 2021**
Gurgaon, India
Bachelor of Technology in Computer Science and Engineering (9.81)
Relevant coursework: PHP, Python, C, Database, ERP.