Vikas Jangra

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Summary

A highly motivated and Passionate problem-solver with a strategic mindset and strong analytical skills. Committed to continuous improvement and experienced in collaborative environments with internship experience.

Education

Clark University   **August 2021 – May 2023**
MS Business Analytics   **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.

Technical Skills

Languages: Python, R, SQL, C, C++, PySpark
Data Analysis and Big Data: Tableau, Power BI, Pandas, NumPy, Hadoop, Excel, ETL, Web Scraping, Kafka
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.

Professional Experience

Swiss Re   **May 2022 – August 2022**
Cyber Solutions Intern   *New York, USA*
- Developed an ML algorithm using optical image recognition to calculate cyber risk scores of cloud platforms based on configurations and services enabled.
- Collected and analyzed data on recent cyber-attacks to revise and improve ML algorithms using web scraping with Beautiful Soup and SQL for data-driven analysis and collaborating with solution architects to build logical data models.
- Contributed to product strategy and MVP development by conducting market research, creating presentation outlining projected revenue, and analyzing projected 100% growth of North American cyber security market for product marketing.
- Documented weekly presentation based on business requirements for effective data-driven decision.

Keka HR   **February 2021 – July 2021**
Quality Analyst   *Hyderabad, India*
- Conducted Agile testing of HR software, including planning and execution of Regression, Unit, Functional, and Usability testing.
- Gathered and utilized client feedback within the SDLC to implement software changes and improvements for optimal performance.
- Utilized client feedback to improve software within the SDLC.

ManPraX   **May 2019 – July 2019**
Web Developer   *New Delhi, India*
- Collaborated on responsive website features, improving performance, and resolving bugs.
- Demonstrated skills in front-end design, quality assurance testing, and project management.
- Created custom WordPress plugin for contact us forms using PHP, HTML, CSS.

Certifications and Rewards

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

Projects

Customer Churn Prediction and Revenue Loss prediction   **November 2022 – November 2022**
- Developed PySpark models in Databricks to predict customer churn and revenue loss for a telecom company, achieving 85% accuracy and 20% reduction in churn.
- Identified key features driving churn and revenue loss using data mining techniques, leading to targeted retention campaigns and revenue optimization strategies.

Predicting Eligibility for Credit Card Approval   **November 2022 – December 2021**
- Developed a predictive model using logistic regression and decision tree algorithms to determine credit card approval eligibility.
- Utilized Python and Scikit-learn library for data preprocessing and modeling, with accuracy of 85% on the dataset.