VAGISHA DEO PRAKASH

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EDUCATION

Northeastern University   Boston, MA
Master of Science in Information System   Expected: May 2023
Relevant Coursework: Web Design and User Interface Engineering, Application Engineering and Development, Web Development Tools, Data Management and Database Design, Managerial Communications

Kalinga Institute of Industrial Technology   India
Bachelor of Technology in Electronics Electrical Engineering   May 2019
Relevant Coursework: Object Oriented Programming, Data Structures & Algorithms, Programming in C, Operating Systems, Business Communications

TECHNICAL SKILLS

Languages: Python (NumPy, Pandas, Matplotlib), SQL, Shell Script, HTML, CSS, JavaScript, Java
Database: MySQL, Oracle PL/SQL Developer, AWS Redshift, IBM Data Studio, Microsoft Access, MongoDB
Tools: Tableau, PowerBI, Apache Airflow, Talend, Jupyter Notebook, Lucidchart, Automation Anywhere, Blue Prism, Apache NetBeans, VS Code, Microsoft Visio, ServiceNow, Git, GitHub, SVN, MATLAB, PuTTY, Atlassian Jira, WinSCP, BMC Remedy

CERTIFICATIONS AND ACADEMIC CURRICULAR ACTIVITIES

- Problem Solving with Python at IoT Lab
- Greenfield Training Program - Salesforce Dot Com
- Full-Stack Automation Engineer Certification
- Lean Six Sigma Green Belt
- Accenture Cloud Certification
- Agile Methodology Certification

PROFESSIONAL EXPERIENCE

ACCENTURE   Mumbai, India
Application Development Analyst   Jan 2021 - Aug 2021
- Selected among multiple analysts for providing leadership to offshore tech teams via training to promote result-oriented approach
- Built ERD and executed complex SQL queries, stored procedures for data related to insurance and claims in MySQL
- Imported 1.5M data into SQL server, performed preprocessing of data (EDA) and load staging data using Talend
- Optimized the data architecture and built modern data stack using Apache Airflow
- Generated interactive dashboards for loaded data employing Tableau to better the predictive analysis of various trends by 40%
- Built dimensional model by designing ETL processes through Talend to integrate facts and dimensions of current dataset
- Improved performance of real-time business activity monitoring report which reduced reporting costs by £10K with ATR models
- Enhanced an advanced decision engine resulting in 25% increase in claims resolution using ATR

Application Development Associate   Nov 2019 - Dec 2020
- Resolved technical queries of 5000+ clients via ServiceNow and JIRA incidents to achieve an average customer rating of 4.9
- Enforced data validation and data integrity techniques in SQL to improve and maintain data robustness
- Identified bottlenecks, errors, heavy traffic issues, slow-running queries with end-to-end application tracing, latency breakdowns, continuous profiling, and real user monitoring, increasing efficiency of applications by 20%
- Analyzed company processes, created CRM workflows and custom solutions for specific business needs
- Reviewed past performance and produced strategic plans for future by identifying key trends using sales report of CRM software
- Developed web-based Point of Sale (POS) application using HTML, CSS, JavaScript which resulted in increase of insurance sales for business by 25%
- Promoted to Application Development Analyst within 18 months for exceeding goals and promoting company culture

PROJECTS

Apartment Management System | MySQL, Lucidchart, Tableau   Sep 2021 - Dec 2021
- Build ERD and executed complex SQL queries, stored procedures for data related to residents of apartment in MySQL.
- Developed views and implemented computed columns and check constraints to maintain data integrity.
- Generated interactive dashboards for loaded data employing Tableau to analyze various trends among residents.

Object Detection Algorithms used for Vehicle Detection   Aug 2021 - Nov 2021
- Analyzed different object detection algorithms to detect vehicles on any type of road.
- Introduced different types of noises to imitate real world scenarios of image object detection.
- Compared performance, inference time and accuracy of different models with and without noise.

Northeastern Social Networking Portal   Aug 2021 - Oct 2021
- Developed networking portal using React, Node JS for Front-end, Firebase for Database and Semantic-UI for UI designing.
- Incorporated features like create, toggle, and get notifications about channels, send multimedia files and get real time user status.