Pavithra Shetty

Summary

Customer-oriented Principal Consultant knowledgeable about developing and implementing successful business solutions that drive productivity and growth. Offering expertise in SQL, Data Visualization, Scripting language and more than 6 years of experience in the software industry.

Experience

Principal Consultant Company Name | City , State | June 2018 - Current

Design, Develop, Test and Document Business Intelligence reports:

- Gather Business needs to develop interactive dashboards and BI reports.
- Work with Data warehouse and other data sources to get data for Data Visualization Using Business Intelligence Tool.
- Write SQL Queries and Stored procedures to pull data to Visualization Tool.
- Modeling the data to efficiently pull the data for visualization
- Design Dashboard and Provide insights to management and departments to make Data driven decisions.
- Embed BI reports to Customer Application using .NET Framework, JavaScript. Which uses Web APIs to access BI reports.
- Create and Peer review SQL queries for ad hoc data reporting.
- Managed junior developer by delivering consistent coaching and constructive feedback.

Design, Develop, Test and Document SQL Queries, Stored Procedures, .NET Codes in order to maintain and add features to Student Information System.

- Communicate with clients to gather requirement for new data collection or for change request.
- Design a data model and web interface for collecting new data and improve existing system.
- Peer review codes to validate correctness and integrity of the system.
- Perform Unit test, Integration test and Regression test in Development and QA environment for Build Release.
- Follow Agile Methodology for software development using Azure DevOps for better utilization of time and resources.
- Create SQL queries for ad hoc data reporting.
- Support end users resolving technical issues.

Business Intelligence Developer Company Name | City , State | September 2015 - May 2018

Designing, developing, validating, and documenting SQL queries, graphical reports, dashboards, and data warehouse applications that support the strategic initiatives.

- Reviewed project requirements to identify customer expectations and resources needed to meet goals.
- Conceived, developed and implemented wide range of BI solutions.
- Optimized data gathering processes, analysis procedures and visualization strategies.
- Created and oversaw dashboards with QlikView.
- Create and maintain SSIS packages using Microsoft Visual Studio. Extract the data from files received through SFTP and upload the data-to-data warehouse in a required form.
- Using given technical specs create flat files and send data files to clients using SSIS package. Also, automate maintenance of SQL Server databases and updates.
- Analyzed code and corrected errors to optimize output.
- Resolved customer issues by establishing workarounds and solutions to debug and create defect fixes.
- Wrote user manuals and other documentation for roll-out in customer training sessions.
- Established and maintained key relationships with business stakeholders to promote future opportunities.
- Managed 2 junior developers by delivering consistent coaching and constructive feedback.

College Student Company Name | City , State | January 2015 - May 2016

Most accomplished College Projects:

Predicting Breast Cancer:

- Create machine learning model to predict malignant tumors.
- Used Python - "Random Forest Classifier" to predict malignant tumors in breast tissue.
- Here, main idea is building multiple models with different sample and different initial variables from train data set.
- Goal is to determine what attributes provide the most information that can be used to predict malignancy.
- My model was tested against â€œtest data setâ€ for accuracy and it is 96% successful in predicting whether the tumor is malignant or benign.

Data Mining- Image Classification:

- It is the process to categorize images into one of several categories. Classification requires training for each image category.
- Constructed Training and Test data for given image data using Java programming.
- Constructed the five different classifier models using each training data file.

- Tested these classifiers using test data and compared the prediction accuracies among five different classifiers. Achieved 95% accuracy.

Software Engineer Company Name | City , State | October 2013 - January 2014

Develop code in java and document artifacts including unit test plans and ensure that the output is as per the specifications:

- Execute tasks with both procedural and OOP development techniques.
- Best practices for efficient and easier to maintain code.
- Best practices for securing web applications.
- Inserting, querying and managing data stored in databases or files.

Skills

- SQL Server/MySQL
- Data Analysis and Visualization
- C#/.NET framework

- Python
- JavaScript
- Azure DevOps

Education
Master of Science Computer Science University of Illinois At Springfield , City , State

- Completed coursework in Data Science, C# Programming and .NET and Data Mining.
- 3.95/4.0 GPA

May 2016
Bachelor of Engineering Information Science P.A College of Engineering (VTU) , City

- "Best Outgoing Student" Recipient
- Honor Roll 2010-2011

May 2013