



GENEVIEVE JOSEPH

Data Science, AI and ML Enthusiast with Software Experience looking to actively integrate and utilize my **IT** skills in the company

ABOUT ME

14 years of Total Work Experience as of Dec' 2019.

5-years as Industry Experienced Dotnet Professional where I Upgraded and maintained Dotnet Components as per User Requirements.
Data Migrated Components using SQL to Oracle 10G.
Image conversion of Documents done.

9-years' experience in field of School Administration facilitating and coordinating with various Education Govt. Entities and conducting of CBSE Exams.

CONTACT

PHONE:
+91-9910243090

LinkedIn:
<https://www.linkedin.com/in/genny-joseph-8816163/>

EMAIL:
vgenny@rediffmail.com

HOBBIES

Reading Books
Travelling
Taking part in Cultural Activities
Continuous Upskilling

WORK EXPERIENCE

Sf Francis de Sales Sr. Sec. School (CBSE Examination In-Charge) **July 2010 To Dec 2019**

Acting as SPOC between School and CBSE for all Exam related procedures, Centre in Charge for CBSE Board Exams for 10 and 12.

Successfully conducted all CBSE Exams according to CBSE Rules and Directives. Created and maintained a cordial and conducive working environment with Education Dept. and all related Depts.

Newgen Software Technologies Pvt. Ltd (Sr. Software Eng.) **Jan 2005 To Feb 2010**

Maintenance, bug-fixing and upgradation of VB and Dotnet Components. User interaction and upgrading SQL DB to Oracle 10G. Able to Successfully resolve user problems and integrate new requirements into the components.

SKILLS

Technical Skills

Python, Knime, Data Visualisation Tools, Tableau, Dotnet Framework 3.0, VB.Net, ASP.Net, SQL, Oracle 10G, Javascript,XML, CSS

Functional Skills

Leadership, Management, Problem Solving Skills

EDUCATION

Great Learning

July 2022 To Nov 2023

PGPMEX Course with CGPA Equivalent of 3.67

- Data prediction, Patterns and Data mining
- Depth in Data Analysis using Python
- Machine learning using Knime
- Text Analytics using Python and Knime.

Fore school of Management

May 2002 To Dec 2005

MCA with a CGPA equivalent of 3.7

Detailed Work Experience

Company - Newgen Software Technologies

Role- Developer

Project Name- T. P 4.5

Technologies used- ASP.Net, C#, VBScript, ADO.Net • RDBMS: SQL Server 2005

Project Description- T.P 4.5 is one of the most powerful, cost-effective **RAD** tools available today. It allows the creation of multi-tier, enterprise, and **web applications** for companies of any size. It has various components like the Application Manager, Form Builder, DataBlock Manager, Form Associates, TP Flow Designer, Operations tool etc. using which the applications can be built.

Deliverables - Coding of the **Oracle** compliant components of the product TP 4.5, and solving any bugs reported in the system. Any feature enhancement needed in the product was also investigated. This was done using Asp.Net and VB Script.

Company - Newgen Software Technologies

Role- Developer

Project Name- CSV Import Utility & Image Reader

Technologies used- VB.Net, C# • RDBMS: SQL Server 2000, Oracle 9

Project Description- **CSV Import Utility** imports documents with **meta data information** into the Newgen Omnidocs. CSV Import Utility helps in importing documents with metadata, where the field values associated with the document name is extracted from the comma separated value (**CSV**) files.

It works on any **locale**, as it is **Unicode** enabled. User can associate values from comma-separated fields in the text files to the fields in the Data Class. Image conversion of the document before importing can also be done, wherein the **image** can be resized and color conversion of the image is also done, according to user preferences. A feature to import documents from **.exp files** has been added as a requirement of Idea. Here the .exp files contains the information of files to be uploaded and the files are uploaded into the selected cabinet of the omnidocs as selected by the user.

Deliverables - Image Conversion of the image (**Tif**) before importing of the document. This was done using **C#**. According to the user requirement, the image was **cropped**, the color was changed and then uploaded into the Omnidocs.

Import from Exp module in the utility. This was done using **C#**. The exp format is a specific format where the image properties, its size, pages, meta data information was specified. According to these sections, the **meta data** and image properties are read and imported into the Omnidocs. This facility is used when data needs to be **migrated** from one Omnidocs to another. The **backup** is taken in exp format and then **imported** into the new Omnidocs folder as required.

Company - Newgen Software Technologies

Role - Developer

Project Name: Omnidocs Desktop

Front-End: VB.Net, VB, ASP, and CGI

RDBMS: SQL Server 2000, Oracle 9i

Project Description **Omnidocs desktop** is a desktop model of the document management system of Newgen. Using this module, the users can create users, groups, folders, documents, import and export documents in various formats like **TIFF**, Bitmap files, GIF, JPG, PCX or DCX. The documents which are stored in shared cabinet, can be copied, moved, split, merged, deleted, replaced, searched, etc. **Bulk import**, export, scanning of documents can also be done. It supports **Unicode**, so it can be used with **Arabic language**. In Arabic the GUI changes its alignment to right, and all messages are shown in Arabic.

Deliverables- Integrating various requirement changes needed by the clients or correction of bugs reported by them. This was done in **VB**, with various **Activex controls** involved.

Course Projects – Great Lakes Learning – PGPMex - From July 2022 – Nov 2023

Predicting the Purchase of High-Value Tourism Products- signifies the aim of forecasting which customers are likely to buy long-term travel packages

The project's scope encompasses tasks such as understanding existing customer preferences, conducting critical data cleaning using exploratory data analysis (EDA), and transforming the raw data into a usable format. Feature selection and engineering involve using 'Product Taken' as the target variable to uncover the factors influencing customer choices. In data modeling, after testing various models, Random Forest emerged as the most accurate and robust choice. Further model tuning is performed for optimal performance by adjusting hyperparameters.

Skills & Tools Covered

Random Forest
Data Visualization
Trend Analysis
Exploratory Data Analysis

Analyse Flight Delay Problem Dataset, Sentiment Analysis on Financial Phrase Bank Dataset

Course: Machine Learning and its Application [Specialization]

• Analysed the Airline Delay data and figured out the reasons for flight delays • Analysed the Financial Bank data and performed Sentiment Analysis

Skills & Tools Covered

Exploratory Data Analysis
Classifications Based Model using KNIME
Model Validation
Text Analytics

Forecasting Wine Sales for Wine company

Course: Business Analytics using Python [Specialization]

• Read the data for a Wine company as appropriate Time Series data and plot the data • Conducted appropriate Exploratory Data Analysis and performed decomposition • Created various exponential smoothing models and evaluated the model using RMSE • Created regression models, naïve forecast models, and simple average models and evaluated the performance using RMSE

Skills & Tools Covered

Exploratory Data Analysis of Time Series Data
Decomposition
Exponential Smoothing Models
Regression Models
Naïve Forecast Models
Simple Average Models

Visualizing Car Insurance Claims using Tableau

Course: Data Visualization using Tableau [Specialization]

• Analysed the given data for an Insurance Claims company, created various plots, and visualized useful insights. • Created interactive dashboards and storyboards having a logical flow aiming towards achieving the end objective. • Provided relevant recommendations based on the data visualized.

Skills & Tools Covered

Data Visualization
Tableau
Business Intelligence
Creating Interactive Dashboards
Storyboarding