**Python Developer**

**Bolgam Santhosh Goud**

**Email Id:** [**santhosh.pydjango@gmail.com**](mailto:santhosh.pydjango@gmail.com)

**Mobile No: +973 33631650(whatsup number)**

**Professional Summary:**

* Having a total 8+ years of experience in IT industries.
* Full Stack Python Developer with 3+ years of experience in designing, developing deploying Scalable and responsive web applications. Experience in both front-end and back-end development, Working with Frameworks such as Django, and Flask. Experience in MS SQL server. Experience building Rest APIs. Having experience in administering continuous integration (CI), delivery, and build automation tool Jenkins.
* VBA Developer with over 4 years of experience working with VBA and coding languages. Well-versed in creating automation, testing programs, and managing databases.
* Data Analyst with 1 year of experience in data analysis, design, development, and implementation of integrated business systems. Experienced in developing reports and creating dashboards to monitor business performance. Possess excellent analytical and problem-solving skills, combined with the ability to identify, and implement process improvement.

**Education:**

* Completed B-Tech (IT) from Jawaharlal Nehru Technological University in 2012.

**Technical Skills:**

|  |  |
| --- | --- |
| Programming Languages | Python, Excel, and MS Access VBA |
| Frameworks | Django, Flask |
| Web Technologies | HTML, CSS, JavaScript |
| Databases | MS SQL Server, SQLite |
| Cloud Computing | AWS |

## **Work Experience**

## **Python Developer:** **Nov-2020 - Present**

## **KPMG:** **Bahrain, Qatar**

## **Project Title:** **Risk-Free Rate Calculation**

**Project Description:**

The global transition away from LIBOR to new risk-free rates has increased the complexity of interest calculations across the leveraged loan markets. RFR Calculator provides financial institutions with detailed compounding and simple interest calculations for all major risk-free rates. Used by loan agents, borrowers, and lenders, it provides compounding balances and compounding rates based on a given set of inputs with full transparency into the calculated values applicable to the leveraged loan and fixed-income markets.

**Job Responsibilities:**

* Involved in software development life cycle (SDLC) of tracking the requirements, gathering, analysis, detailed design, development, and user acceptance testing.
* Involved in developing the methods for Create, Read, Update, and Delete (CRUD) in active record.
* Developed frontend and backend modules using Python on Django Web Framework.
* Involved in designing user interactive web pages as the frontend part of the web application using various web technologies like HTML, JavaScript, and implemented CSS

For a better appearance and feel.

* Implemented and modified various SQL Queries and Functions, Cursors and Triggers

As per the client's requirements.

* Worked In MS SQL database on simple queries and writing Stored procedures for

normalization.

* Managed code versioning with GitHub, Git, and deployment to staging and production servers.
* Used Pandas, and NumPy library for statistical Analysis.
* Having Experience in web scraping.
* Having experience building REST APIs.

## **MS Access and SQL Developer:** **March 2020 – Nov 2020**

## **KPMG:** **Bahrain**

## **Project Title: Liquidity Risk Management**

[Liquidity risk management is a process that monitors the liquidity risk in the present time to meet its short-term obligations without any shortfall or financial loss](https://www.bing.com/ck/a?!&&p=3db401cf6c40a9eeJmltdHM9MTY5ODk2OTYwMCZpZ3VpZD0wNjZjZGE2YS05ZjVhLTYwZTUtMGNlYy1jOWQ0OWVkMjYxM2MmaW5zaWQ9NTc4NA&ptn=3&hsh=3&fclid=066cda6a-9f5a-60e5-0cec-c9d49ed2613c&psq=what+is+liquidity+risk+management&u=a1aHR0cHM6Ly9zbGF0ZS5hYy93aGF0LWlzLWxpcXVpZGl0eS1yaXNrLW1hbmFnZW1lbnQv&ntb=1). manner. [Effective liquidity risk management helps ensure a bank’s ability to meet its obligations as they fall due and reduces the probability of an adverse situation developing](https://www.bing.com/ck/a?!&&p=cfa6c3d73a46a8b2JmltdHM9MTY5ODk2OTYwMCZpZ3VpZD0wNjZjZGE2YS05ZjVhLTYwZTUtMGNlYy1jOWQ0OWVkMjYxM2MmaW5zaWQ9NTc4OQ&ptn=3&hsh=3&fclid=066cda6a-9f5a-60e5-0cec-c9d49ed2613c&psq=what+is+liquidity+risk+management&u=a1aHR0cHM6Ly9hcHBzLmFpbWEuaW4vZWpvdXJuYWxfbmV3L2FydGljbGVzUERGL01hbmlzaC1LdW1hci5wZGY&ntb=1). [Institutions manage their liquidity risk through effective asset liability management (ALM)](https://www.bing.com/ck/a?!&&p=905b554b5209cb70JmltdHM9MTY5ODk2OTYwMCZpZ3VpZD0wNjZjZGE2YS05ZjVhLTYwZTUtMGNlYy1jOWQ0OWVkMjYxM2MmaW5zaWQ9NTc5MQ&ptn=3&hsh=3&fclid=066cda6a-9f5a-60e5-0cec-c9d49ed2613c&psq=what+is+liquidity+risk+management&u=a1aHR0cHM6Ly93d3cuc2FzLmNvbS9lbl91cy9pbnNpZ2h0cy9yaXNrLW1hbmFnZW1lbnQvbGlxdWlkaXR5LXJpc2suaHRtbA&ntb=1).

**Job Responsibilities:**

* Created Databases, Tables, Cluster/Non-Cluster Index, Unique/check constraints, Views, Stored Procedures, Triggers, and functions.
* Developed MS Access VBA application that communicates with DB using ADO object and SQL.
* Developed macros to verify the input data,
* Developed macros upload the data(excel/csv) to SQL server DB.
* Created Tables, link tables, Queries, Forms, and reports in Access.
* Created database triggers and functions and index.
* Handling regular procedures like database backup, recovery, and upgrade
* Created reports in Excel Using Advanced Excel formulas, including pivot tables and power pivots, lookups.
* Using Excel and VBA in the development of robust and flexible reporting systems.

## **MS Access and SQL Developer:** **Oct 2019 – Feb 2020**

## **KPMG:** **Bahrain**

#### Project Title: Funds transfer pricing

The purpose of the FTP tool is to calculate and report the transfer price for the Al Salam Bank on a periodic basis (monthly/ quarterly) using the matched maturity concept of fund transfer pricing. The tool is designed to generate and store yield curves and calculate transfer price charges for identified departments/ business lines through the application of interest rates matched to the remaining tenure of the asset/liability.

**Job Responsibilities:**

* Created user forms on Microsoft Access visual basic Applications.
* Created tables, Link tables, Views, Forms, and Reports in Access from scratch.
* Developed macros to upload, and export data automatically & and periodically.
* Created relationships between tables and queries in MS Access.
* Automated the refreshment of the pivot tables of the reports in a specified directory (the number of report workbooks.
* Created Dashboard and visualization integrated with SQL database.

## **MS access and Excel VBA Developer: :** **Nov 2016 – Oct 2019**

## **KPMG:** **Bahrain**

#### Project Title: IFRS9 ECL Calculation

IFRS 9 Financial Instruments is the IASB’s replacement of IAS 39 Financial Instruments: Recognition and Measurement. The Standard includes requirements for recognition and measurement, impairment, and general hedge accounting. The project deals with IFRS 9 implementation in Banks of Bahrain and Qatar mainly relating to expected credit loss computation (“ECL”). As it is effective from Jan 2018 all Banks are required to have ECL models in place before publishing financials of 2018. My role is to liaise with functional consultants to understand requirements and develop a fully-fledged tool that assesses ECL along with all the parameters of ECL computation i.e. PD, LGD, EAD, and develop MIS reports and disclosures.

**Job Responsibilities:**

* Developed IFRS9 ECL tool for calculated ECL for the Banks
* Analyze complex data to develop automated disclosure reporting with VBA and Excel
* Develop VBA programs to perform tasks automatically.
* Optimization of processes using Excel.
* Created macros to work with a huge amount of data and for Excel reports.
* Working on IT processes and using Visual Basic in MS Applications
* Developed test plans and software documentation to support code modifications and additions.

## **VBA Developer: Feb 2016 – July 2016**

## **Quintiles IMS health:** **Bangalore**

#### Project Title: IFRS9 ECL Calculation

**Project Description:**

Quintiles provides contract research, clinical trials, and pharmaceutical consulting services. it offers advisory services in the areas of asset evaluation and due diligence, integrated asset development plan, clinical transformation strategies, regulatory and safety visualization, value and outcomes evidence optimization, launch of the future, mature product and outsourcing strategies, end to end partnerships, and Quality and compliance and portfolio and strategy planning services in areas of biosimilar, clinical trial planning and design, generics clinical development.

**Job Responsibilities:**

* Involved in preparation of various reports like daily & weekly status reports, Headcount Utilization Reports.
* Provide Head count Utilization Report and facilities and business unit's level along with new joiners, exit resources for usage across business units.
* Developing Reports and Dashboards using advanced Excel to generate all daily, weekly, monthly, and quarterly Reports.
* Automation of excel reports with advance excel formulae and VBA coding.
* Extracting the data from the database and transforming it to requirement of client and loading into Excel templates for Dashboard development.
* Created macros to send automatic mails after preparing the reports.
* Good knowledge in analyzing and designing reports through VBA automation, Advance Excel formulas, using Power Pivot, Pivot tables, Graphs, VLOOKUP, HLOOKUP, INDEX, SUMIFS, AVERAGEIFS, SUMPRODUCT, IF, COUNTIF, Form Controls, Active Controls, etc.

## **Data Analyst:** **Dec 2015 – Feb 2016**

## **VMWare:** **Bangalore**

#### Project Title: Air Watch

**Project Description:**

Air Watch is an Atlanta-based provider of [enterprise mobility management](https://en.wikipedia.org/wiki/Enterprise_mobility_management) (EMM) software and standalone management systems for content, applications, and email. Air watch acquired by VMware.

**Job Responsibilities:**

* Data downloading, processing, cleaning and formatting.
* Validate the account name and address in google**/** Company Website / Hoovers /Bloomberg.etc whether they are geographically valid
* If valid then paste the link and source from where we got the information in excel sheet
* For the valid accounts if we feel there needs to any suggestion in any of the attribute, then provide us which attribute that our suggesting in ‘Suggested attribute column for eg..city & state etc…’ and provide the correct value in the respective column and share the link and source from where we got the information
* If we unable to find the account from any of the sites, then provide some clear comments.
* Provide DUNS, GULT, Sic code and Industry values for all the accounts and update in the excel sheet in the respective columns
* After validation, we need cross check all the account in VMstar based on account name and address details.
* First preference for our suggested values
* Incase if we didn’t find with the suggested values then search in VMStar based on the old values which was shared initially.
* After validation data checking Qc
* Using pivot table, and excel function lookup, count if, sum if function, conditional formatting

## **Data Analyst:** **Apr 2015 – Oct 2015**

## **HP:** **Bangalore**

#### Project Title: APJ Channel Reporting

**Project Description:**

Hewlett Packard is a Retail Stores, which is one of the organizations that sells various numbers of products. HP uses Partner Data Warehouse (PDW) for business analytics on Stock keeping Units and Customer base. The aim of the project is to develop strong database technology that will extract the data collected from multiple sources and loaded into Partner Data Warehouse. To take proper decision at each level with proper data and generates reports for Sales and Profits in month wise and year wise using Business Objects also it enables to take a decision on Partner compensation and Partner Benefits in HP.

**Job Responsibilities:**

* Understand the application business logic with Business Requirements Specification documents and functionality of application with Functional Requirement specification document.
* Running and Analyzing the Business Objects queries for generating reports.
* Verified column mappings Data Warehouse and source databases.
* Verified data in the target database according to business rules.
* Conducted Smoke testing, User Acceptance Testing (UAT), and Data validation Testing Used Agile testing methodology for achieving deadlines in UAT.
* Experienced in using PIVOT, VLOOUP, HLOOKUP, CONCATENATE, DATE, and NAME MANAGER.
* Tracked the defects and raised the defect in Quality Center 12.0.
* Interacted with Onshore and Offshore teams.
* Trigged the bugs with a stake.