**Name: R. Nithya Email: ravinithya94@gmail.com**

Profile: Software Developer Mobile: 8072429995

**Objective:**

As a highly motivated and creative individual, my career aspiration is to contribute the best of my services in my area of work and align with organizational goals and strategic directions so that we can help to grow each other.

**Career Summary:**

* 3.5 years of experience in python coding and scripting.
* Working knowledge in Git Version Control System.
* Intermediate working knowledge in Django Framework.
* Working knowledge on Microsoft Azure cloud platform.
* Intermediate working knowledge on VBA code (Virtual Basic for Applications) in Microsoft Excel.

**Experience Summary:**

* 5 years 6 months of experience in IT industry having experience in python and Azure cloud platform.

**Professional Experience:**

* Software developer with **Lecxe Software Consultants Private Limited** since October 2016, Thuthipet, Vellore.

**Project:**

* **Project Name:** Visualize rates data
* **Role:** Software Developer
* **Platforms/OS:** Microsoft Azure cloud platform/Windows
* **Databases:** MySQL, SQL Server.
* **Applications:** Python IDE, Django,Visual Studio Code, XAMPP Server, Microsoft SQL Server Management Studio (SSMS), VBA code in Microsoft Excel.
* **Resources:** Azure Containers, Azure blobs, Azure Virtual Machine, Azure Function APP, Azure SQL Server and Database.
* **Description:**

The primary goal of the project is to upload the interest rates files into Microsoft Azure container. Through python script to parse that rates values from local or Azure container into MySQL and SQL Server database tables. Using command line arguments, Django framework, Azure Cloud Platform and Excel to insert rates values into the database tables and visualizing rates values through graphs.

**Roles and Responsibilities:**

* Identifying three different interest rates values.
* Python script used to read rates files, process the rates files line by line and insert the rates values into local MySQL and Azure SQL database tables.
* Retrieving rates values through SQL queries.
* Identifying the test cases for each module and test through Unit test.
* Take a directory as an argument and iterate all the rates files.
* Read the csv file, resolve reference indexes in python script, mapping rate names and create new rates file.
* Upload and download rates files from local and Azure blob.
* Compared execution time for different rates files and database tables.
* Connect the database, create, insert, select and delete MySQL and SQL database tables through python script.
* To check rates values in XAMPP server for MySQL and Microsoft SQL Server Management Studio (SSMS) for Azure SQL.
* Insert values through Django framework.
* Create Azure Resources such as SQL server and database, containers, Function APP and Virtual Machine (Windows).
* Start and stop all resources.
* Triggers the Azure Function APP.
* Added python files and packages on Azure through Kudu Console.
* Automatically start and stop Azure Virtual machine through python script.
* Custom Script Extension used to pass an argument on Azure Virtual machine.
* Execute python script on Azure Virtual machine.
* Create different rates graphs on Microsoft Excel worksheets.
* Create user selectable options such as dropdown lists, buttons through VBA code (Virtual Basic for Applications).
* Update graphs automatically based on the user input.

**Achievements:**

* Had been admitted under STARS Scheme in VIT University (Support The Advancements of Rural Students) with 100% tuition and mess fee waiver.
* Had been secured Cent Percent Attendance during the Fall Semester of the Academic year 2012-2013 and 2014-2015.
* School Third in 12th State Board (Tamil Nadu) public Exam.
* Handled the project alone.

**Personality Traits:**

* Ready to accept challenges with great deal of enthusiasm.
* Self-motivator and willing to learn new skills.

**Academic record:**

* 2011-2016 M. Tech Software Engineering (Integrated), VIT University,

Vellore – CGPA 8.56.

* 2009-2011 HSC, Government Hr. Sec. School, Brammapuram, Vellore -Tamil Nadu State Board – Scored 84.75%.
* 2008-2009 SSC, Government Hr. Sec. School, Brammapuram, Vellore -Tamil Nadu State Board – Scored 83.80%.

**Personal Information:**

Fathers Name : K. Ravi

Date of Birth : 02-06-1994

Gender : Female

Nationality : Indian

Marital Status : Married

Languages : Tamil, English

Mother tongue : Tamil

Address : No. 194, 14 street Swamy Nagar, Otteri Bagayam, Vellore -Tamil Nadu

**Declaration:**

I hereby affirm that information in this document is accurate and true to the best of my knowledge.

**Place: Vellore Nithya R**