RAVI SHANKER REDDY KARRI

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Background

- **Software Developer** with 4 **years and 9 Month of experience** in **Tata Consultancy Services.** Experienced in **all phases of development**
- Strong development skills with experience in developing windows applications using technologies like **Python, Java Script, JQuery, C# , Visual Basic , Kofax, Kofax Transformation, Kofax Capture, Java, AS-P.NET 4.5, C#, MVC, ADO.NET and SQL Server**

Roles and Responsibilities   Software Developer

- Demonstrated knowledge in Python, Asp, Batch Scripting, WinWrap Scripting, and C # Web/Windows application development.NET framework.
- Developed a working model in **Machine Learning in Python using Scikit Learn and Tensorflow** in multiple projects.
- Worked on Deep Learning using Keras on Tensorflow.
- Demonstrated Knowledge in writing SQL functions and SQL Queries
- Worked closely with customer for Requirement Gathering, Understanding and Issue Solving.

Professional Experience

Project 1 (2018-2019**)**

Technology: Kofax, Python, HTML, CSS, Java Script, Jquery, Json , Google Cloud Platform (Vision API)
Description: We wanted to replace the old system of Kofax with open source tools and I took up the work as it was challenging . We wrote all the modules from scanning an Image, Classifying it and let user Key the documents.

Responsibilities
- Technical Architect - Designed the whole Architecture for this product
- Leading a team of 8 People by guiding them on technologies being used.

Awards
- Won Technical Excellence Award for creating a POC in a week time
- Won Best Employee of the month Award

Project 2 (2017-2018**)**

Technology: Kofax, Python
Description: Setup a process to mine data out of images which are highly unstructured. We as a team worked on getting fields extracted using different technologies in python.
Responsibilities
- Responsible for creating extraction logic to extract fields
- Responsible for installation of python and packages
- Responsible for creation of POC for this project
- Heavily Worked on NLTK toolkit and RegEx

Project 3 (2018-2019)

Technology: Kofax, .Net

Description: The Project was Done in 4 Phases which consists of 6 sub Processes

PHASE 1: A tool which automatically extracts data from Image and provides the data to the user for review.

PHASE 2: A fully automatic solution where the Images will be picked up from a FTP directory, Processed with some manual intervention and re-upload it back to the FTP folder

PHASE 3: A tool which automatically search the keywords on the image and it will return all the value with the highest OCR accuracy percentage to the user so that User can split the page were number of keywords are present.

PHASE 4: A tool which provides a provision to user where he can key in the document. The tool needs to provide Ability to create duplicate copies in case of multiple records having same data.

TECHNOLOGIES USED

Programming/Designing Languages:	Python, C# , Visual Basic, Java Script, Java
Database:	Oracle, Microsoft SQL Server 2008/2012, MySQL
Tools:	Idle, Visual Studio Code, Kofax, IntelliJ

CERTIFICATIONS/TRAININGS

- Microsoft Certified Technology Specialist - Microsoft
- Rational Application Developer – IBM (Java)
- IBM DB2
- Kofax Capture 10.2
- Kofax Transformation Modules 6

Awards/Achievements

- Awarded Technical Excellence(2018)
- **Won 3rd Place in the organisational level event on ML and data engineering**
- On the spot award for creation of POC for tool development in less time.
- On the spot award for successfully tool development with good success rate.
- On the spot award for creation of POC for tool development and successful demo to client.
- On the spot award for solving issues in a very minimal amount of time.
- Awarded Technical Excellence(2019)
- Awarded Best Employee of Month

I hereby certify that above written information was true and correct to best of my knowledge.

Ravi Shanker Reddy Karri