

RUDHRAVARAM SANDEEP KUMAR

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CORE COMPETENCIES

Application Development

Coding

Python

Unit Testing

Debugging

Bugs Fixing

PROFILE SUMMARY

- Result – oriented Professional **with 3 years of rich experience** in IT industry with Object-Oriented Design and Development including Software Development Life Cycle (SDLC) from analysis and design to implementation with .Net Technologies and Python with Flask
- Displayed skills in developing software solutions by studying information needs, conferring with users and studying systems flow, data usage & work processes
- Interacted with users for requirement gathering and preparing functional specifications
- **Managed the entire Software Development Lifecycle** (SDLC) right from requirement analysis, documentation (functional specifications & technical design), coding and testing
- Possess knowledge in
 1. .NET Framework (4.0, 4.5), **C#.net, Asp.net, Asp.net Mvc, Ado.net, Ajax, Html, CS-S, Java Script, jQuery.**
 2. Python (3.8, older versions), **Python with Flask, Automation.**
 3. Databases like: **SQL Server 2008/2012 and MySQL**
- Excellent Team player with problem-solving and trouble-shooting capabilities
- Expertise in using Configuration management tools such as **TFS & VSS**

TECHNICAL SKILLS

Languages	: C#.NET, Python
Web Technologies	: Flask, Django, Asp.net, Asp.net Mvc, Ado.net, Web Services, WCF, HTML, CSS, JavaScript, Ajax, jQuery and Bootstrap
Data Access Technology:	Ado.net
Libraries	: jQuery
ORM Tools	: Entity Framework
RDBMS	: SQL Server 2008R2, SQL Server 2012, MySQL
Version Control Tools	: TFS and SVN
Design Pattern	: ASP.NET MVC
Frameworks	: .NET, Flask, Django

ORGANIZATIONAL EXPERIENCE

- Working as a UX Product Developer with iAssist innovations labs.
- Worked as a Software Engineer with Agility E-Services Pvt. Ltd.

Key Result Areas:

- Hands-on experience on Python, Flask, Django, C#.net, Asp.net, Asp.net Mvc, Ado.net, Ajax, Html, CSS, Java Script and jQuery
- Working on database objects like Data Adaptor, Data Set and Data Reader to access and update the data from database
- Developing queries, stored procedures using SQLServer2008
- Working with Java Script and jQuery for client side validations
- Performing Unit Testing and Code Reviews

PROJECTS

Project – I : *Myra Mail Bot*

Tenure : Feb 2021 – Jul 2021

Role : Product Developer and UX Product Developer

Description : Filling a Excel for Bank RM takes too much time.This is an application that Automates the whole process by receiving the files, filling it and sends it back, so that can reduce the time for RM

Responsibilities:

- Built the whole application using Python with Flask, Microsoft Outlook Services
- Maintenance of Servers
- Bug Fixing

Environment: Python,Flask,Microsoft Outlook Server.

Project –II : *ICICI Lombard*

Tenure : Oct 2020 – Till date

Role : Product Developer and UX Product Developer

Description :

1. **Business Objective:** Currently ICICI Claim lodgement takes multiple systems to intake claim requests, processes and approval by CSM and then finally availability of data to ERP application by back office team. The ideal solution would save time starting from claim intakes, digitization of supporting documents etc. and then availability of approval workbench to have single place to view of files received, processed and then business validations of the data available with final approval by CSM.The entire solution would save huge amount of time in terms of claim processing and make the services efficient.
2. **Business Benefits:** Successful completion of this initiative will result in easing the way to use the claim processing, approval & entry in claims portal within acceptable time frame.

Responsibilities:

- Data Extraction from different file formats like PDFs, Text files and Images using tools like ICR and OCR. Also the extraction was mainly done with the help of python Data Structures.
- Extensive use of Regex for the extraction work.
- Created a Linux service for automating the restart of the server when it goes down for some reason.

Environment: Python,Flask, MySQL, HTML,CSS,JavaScript.

Project – III : *Star Health Insurance Document Automation*

Tenure : Jan 2021 – Till Date

Role : Product Developer and UX Product Developer

Description :

1. **Business Objective:** Currently Star Health Claim lodgement takes multiple systems to intake claim requests, processes and approval by CSM and then finally availability of data to ERP application by back office team. The ideal solution would save time starting from claim intakes, digitization of supporting documents etc. and then availability of approval workbench to have single place to view of files received, processed and then business validations of the data available with final approval by CSM. The entire solution would save huge amount of time in terms of claim processing and make the services efficient.
2. **Business Benefits:** Successful completion of this initiative will result in easing the way to use the claim processing, approval & entry in claims portal within acceptable time frame.

Responsibilities:

- Data Extraction from different file formats like PDFs, Text files and Images using tools like ICR and OCR. Also the extraction was mainly done with the help of python Data Structures.
- Extensive use of Regex for the extraction work.
- Created a Linux service for automating the restart of the server when it goes down for some reason

Environment: Python, Flask, MySQL, HTML, CSS, JavaScript.

Project – IV : *uCustoms*

Client : RMCD (Royal Malaysian Customs Department)

Tenure : Aug 2019 – Sep 2020

Role : .Net Developer

Description:

- UCustoms is a fully integrated, end-to-end, Customs modernization solution that delivers 'Single Window' for goods clearance. This project contains around 50 modules, from which key modules are Cargo, Declaration, Inspection, Assessment and Release.
 1. *Cargo:* This module contains information about movement of goods from one custom station to another
 2. *Declaration:* In this module, Business stake holders will file a Declaration listing the items coming from source station
 3. *Inspection:* In this module, Goods received from source station will be inspected by Inspector
 4. *Assessment:* In this module, goods inspected will be assessed by various officers
 5. *Release:* After Assessment, Gate pass will be generated for goods to be released from Customs area

Responsibilities:

- Involved in architectural discussions & development of Declaration, Exceptional, Cargo, Assessment module with extended features as per the client requirement
- Worked as code reviewer before commit using TFS
- Designing Aesthetic graphical UI
- Involved in applying Validation to the Pages at both Client Side and Server Side
- Involved in bug fixing for flow analysis of earlier version of existing system
- Developed queries, stored procedures using SQL Server 2012
- Performed Unit Testing and Code Reviews

Environment: C#.Net, Asp.Net, Asp.Net Mvc, HTML, CSS, JavaScript, jQuery, Ajax, Microsoft Visual Studio Premium 2012, SQL Server 2012, Jira

Project – V : MGPS – Material Exit Gate Pass System

Client : NTPC(National Thermal Power Corporation Limited)

Tenure : March 2019 – July 201

Role : Intern/ Developer

Description : A manual material gate pass process for tracking material movement at a facility is cumbersome and time consuming. It involves tedious paperwork at multiple levels. Things get more complicated when capital goods are involved, which makes the approval workflow different from the normal flow. The process is further delayed if the approving person is not in the office. A Web Application is built based on the idea to make it more reliable, efficient in utilizing the time.

1. *Gate Pass Creation*: This module provides the facility to create the pass for the visitor
2. *Authorization*: Authorize the visitor based on the request made to the facility

Responsibilities:

- Developed the architecture and functional dependency of the modules with each other
- Authentication of the request for the privileged persons
- Testing and Troubleshooting the issues
- Version controlling using TFS

Environment: C#.Net, ASP.Net, ADO.NET, Java Script, jQuery, Html, Css and SQL Server 2008, Bootstrap

ACADEMIC DETAILS

Schooling

- *School Name* : Little Flower High School
- *Academic Year* : May – 2012
- *CGPA* : 8.0

Intermediate

- *College Name* : Narayana Jr. College
- *Academic Year* : April – 2014
- *Percentage* : 80.5%

Undergraduate

- *University* : Osmania University
- *College Name* : MVSR Engineering College
- *Academic Year* : May - 2018
- *Percentage* : 61%

PERSONAL DETAILS

Date of Birth : 27 September 1996

Languages : English, Telugu, Hindi

Address : HNo: 4-27/2, Chitayala (M), Shivanenigudem, Nalgonda Telangana, 508114