SHASHANK TUDUM

CAREER SUMMARY

Over 2-year experience, my role in valuemomentum is to:

- Develop and manage web applications and application programming Interface (APIs) using Python and Django to support the organization's services and offerings, with a focus on making them strong, adaptable, and feature packed.
- Design and implement database models and structures using Django's ORM (Object-Relational Mapping) to efficiently store and manage the necessary data for the organization's services.
- Develop and execute thorough testing strategies, encompassing unit tests, integration tests, and end-to-end tests, to identify and resolve issues and guarantee the reliability of Django-based assets.
- Seamlessly integrate external APIs and services into Django applications to enhance functionality and provide holistic solutions to clients.
- Work with various technologies like Amazon Web Services (AWS), Mendix and Azure services and WordPress application for process implementation, functional and domain support.
- Implement security practices, including authentication, authorization, and data encryption, to safeguard sensitive client data and ensure compliance with best practices and regulations.

TECHNICAL SKILLS

Operating Systems: Window10
Programming Languages: Python
Frameworks: Django Web Framework, REST Framework
Low-Code Platform: Mendix
Cloud Services: Amazon Web Services

ACADEMIC QUALIFICATION

2022: Bachelor of Technology in Computer Science and Engineering from Indian Institute of Information Technology (IIIT), Nagpur.

PROJECT SUMMARY

POC Name	Human-in-loop View using Django and Azure Form Recognizer
Company	ValueMomentum
Role	Developer
Technology Solution	Azure Form Recognizer, Django Web Framework
Responsibilities	- Train custom neural model which detects the desired Fields in different documents like ID cards, Invoices by using azure form recognizer studio in azure portal. - Developed the user-friendly screens using HTML and CSS so that user can seamlessly navigate to any page. - Implemented the backend logic by integrating the trained custom model from azure using python and store the data in an sqlite3 database.

SHASHANK TUDUM

POC Name	Submission Intake process
Company	ValueMomentum
Role	Developer
Technology Solution	Amazon Web Services-Textract, python
Responsibilities	• Understand the underlying flow of submission intake process in the insurance domain. • Research about the services offered by amazon web services that are needed to trigger the flow (S3 services, lambda function, Textract) and integration with the Microsoft tools (Outlook). • Implement the logic in AWS environment (lambda function) and integrate with the other services such as S3 bucket and Textract. • Create the human-in-loop view in amazon webservices using amazon augment AI(A2I) which notifies the employees who are in workforce to check the predicted data from the documents are correct.

POC Name	First Notice of Loss (FNOL)
Company	ValueMomentum
Role	Developer
Technology Solution	Mendix, Django REST framework
Responsibilities	• Understand the process of FNOL and policy creation and claiming through different roles (Policy Holder, Agent and Admin) • develop an API with an underlying developed machine learning model that predicts the location of damage on vehicle and. • Integrate the developed API with the mendix screens. • Develop the screens for the policies and claims with role based access using mendix. • The whole flow of FNOL done in mendix.

SHASHANK TUDUM

POC Name	Multi Cloud FinOps Management
Company	ValueMomentum
Role	Developer
Technology Solution	Django Web framework
Responsibilities	- Understand the roles of FinOps team - Understand the resource management in the different cloud platforms such as Azure and Amazon Web Services. - Develop the screens to visualize the resources that are being used in the cloud platforms and to edit the policies for the subscriptions.

POC Name	Python daily automations for valuemomentum backoffice.
Company	ValueMomentum
Role	Developer
Technology Solution	Python Scripting
Responsibilities	- Understand the pain areas of the reporting manager of the LOB to manage the associates who are on bench/upcoming bench and RRF - Come up with the developed solutions using python scripts that help with manual work such as excel reading and analyzing and send the consolidated data for the respective employees. - Convert the automation files into the executable files that will be triggered everyday.

POC Name	Project Infinity
Company	ValueMomentum
Role	Developer
Technology Solution	WordPress PHP
Responsibilities	- Reasearch on how the gamification platforms works, how the pointing and badging system works. - Gather the requirements that are suited for the internal organization. - Implement the custom logic for pointing and badging system for the WordPress application using PHP.