Thadishetti Ravi Shanker

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LinkedIn :Thadishetti Ravi Shanker

Experience :2.5 years(including 4 months of internship)

Current Company :Franklin Templeton ,Hyderabad.

Full Stack Developer

Programming ~ Application Development ~ Python ~ Product Development ~ Django ~Azure ~Tableau

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PROFESSIONAL PROFILE

Full stack developer with an experience of 2.5 years in Application Development, Python, Django, Pandas, Spark, SQL, HTML, Tableau JavaScript, Product Management, Azure, Data Analytics and Data Quality. Innate capability in evaluating complex and ambiguous problems and delivering optimal technical solutions. Possesses fine blend of technical skills and agile experience and drives cross functional engagements from concept to closure.

AREAS OF EXPERTISE

Data Analytics	Full Stack Development	Django
Python	C/C++/Java	HTML/CSS
JavaScript/jQuery	Data Analytics/BI	Application Development
Spring MVC, Hibernate	Data Quality	Azure Services
Cloud strategy	Tableau Desktop	Flask
GIT	Bit Bucket	

PROJECT's SUMMARY

#Project1
Project Name **: Enterprise Data Quality Solution Development – Data Analytics, Design and Development**
Duration **: 1+ year - present**
Company **: Franklin Templeton India (Product Based)**
Role **: Full Stack Python Developer**

Enterprise Data Quality Solution Development – Data Analytics, Design and Development
- Developed a fully functional Data Quality Platform in Python using Django Framework.
- Worked on the conceptualization, architecture to development and deployment.
- Developed front-end interface using HTML, CSS, JavaScript, jQuery, and Bootstrap.
- Developed Back-End using Python, Pandas, PySpark, SQL.
- Established ability to connect to SQL Server, Oracle, PostgreSQL, Snowflake, json, csv, txt and excel from the user interface.
- Developed automated scheduling mechanism to perform jobs and report results through SMTP.
- Deployed the application in Azure App Service (PAAS) and has experience in cloud services.
- Experience in Bitbucket and Git for version control.
- The application was showcased in 'Innovate @ ISC' and was acknowledged as one of the 5 game changing technology projects at FT and received accolades from the CEO for a significant strategic cost reduction.

Data Analytics
- Customer Relationship Data Reconciliations: Developed a program in python to reconcile the data between two systems and improved the data quality of the system during data migration.
- Enterprise Data Management: Developed a program in R to identify data quality issues in the enterprise metadata glossary, rectified the issues and standardized the metadata capturing format.
- Diversity and Inclusion Index: Created a prototype in limited time using Azure Machine Learning Service and NLP to analyze employee annual leadership surveys and provide employee sentiment rating.

#Project2

Project Name : Security Master Creation in GAIN Application

Duration   : 3 months

Company   : Franklin Templeton India (Product Based)

Role   : Full Stack Python Developer

Roles and Responsibilities:

- Designed, developed ,tested and maintained the web application using Flask framework based on user requirements.
- Worked on extracting data automatically from email received with information and PDF attached.
- Wrote python script and used a module named "pywin32" to access the outlook email.
- Automated the manual download process of an attachment PDF using python module "Tabula" and read the tables in the PDF into Pandas Data Frame.
- Developed front-end interface using HTML, CSS, JavaScript, jQuery, and Bootstrap.
- Wrote a python function to search and extract the required fields's data from the outlook message body and PDF tables.
- Created an excel file with required data extracted fields from PDF attachment and outlook mail , shared with business users which is an input to their GAIN application.
- Deployed the web application in Azure App Services.
- Used the Version control tools like GIT, SVN to maintain the different versions of the code.

#Project3

Project Name : AMC Automation Using RulesEngine

Duration   : 10 months

Company   : Franklin Templeton India (Product Based)

Role   : Full Stack Python Developer

Roles and Responsibilities:

- Designed the end to end web application using Django to automate the Manual commission calculations using Python with Rules specified from the internal site.
- Wrote a Python script using python REST API modules that makes a call to the server and gets the required data in the form of JSON which contains Rules and Actions.
- Developed the entire front end interface using HTML, CSS and JavaScript.
- Wrote python functions that can copy the data from the excel files and put it in the previous years template file without losing the formatting of file using different python modules "xlwings" and "openpyxl".
- Designed a Python Function that invokes the python individual modules like "copysheet", "Autofill" dynamically from the names and parameters specified from the JSON data(Rules and Actions).
- Made the process generic for around 90+ brokers which involves different kinds of files and calculations.
- Used GIT version control tool to maintain different versions of the code.

#Project4

Project Name : Data Quality Dashboards Development

Duration   : 3 months

Company   : Franklin Templeton India (Product Based)

Role   : Tableau Developer

Roles and Responsibilities:

- Developed the Data Quality Dashboards for different data loads, efficiency and Missing Data Associations etc.
- Implemented the graphic visualisations with drill down options and parameters using Tableau.
- Created the filter and highlight actions to increase the dashboard and user interactivity.
- Created the URL action that directs the users to the external webpage.
- Implemented filter for multiple dashboards and KPI's which has data comes from different sources.
- Implemented graphs using measures and dimensions from various data sources by using data blending concept.
- Utilized Tableau server to publish and share the reports with users.
- Worked on Tableau Server Client API using python to automate the manual Tableau Admin Process.

#Project5

Project Name : NGO Management System

Duration   : 4 Months

Company   : Cognizant Technology Solutions, Hyderabad.

Role   : Full Stack Java Developer(Intern)

Roles and Responsibilities:

▪ Designed and developed a web application named "NGO Management System" using advanced java technologies like Spring MVC and Hibernate.

▪ Web application supports different profiles like admin and NGO which includes process like user registration and authentication ,procurement of information from posts from logged in users on things that need services from NGO's or outreach events.

UNIVERSITY PROJECT

▪ **Attendance Marking System using Facial Recognition(Machine Learning).**

ACCOMPLISHMENTS

▪ Received 'Innovation Catalyst' award in 2020 from Challenging the Status Quo (CSQ) Committee of FT for developing automated Data Quality Framework based application.

EDUCATION

▪ **Bachelor of Engineering (B. E) – Computer Science, 8.46 GPA**
Vasavi College of Engineering, Hyderabad, in 2019

▪ **Intermediate (Class 12th) – 96.4%**
Narayana Junior College, Hyderabad, India in 2015

▪ **SSC (Class 10th) – 9.7 GPA**
Little Flower High School, Chandur, India in 2013

CERTIFICATIONS

▪ Deep Learning Certification by GUVI(an IIT and IIM incubated company).
▪ Python -Udemy Certification.
▪ Salesforce Platform App Builder (DEV 402) Certification.
▪ AWS certification by GUVI(an IIT and IIM incubated company).
▪ SAS-Enterprise Guide 1-Querying and Reporting Certification.

Date of Birth: 26th Feb 1998   Current location: Hyderabad, India