

KOMAL WAVHAL

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SUMMARY:

- Seasoned **Automation Expert** with over 6+ years of extensive professional experience in IT, Healthcare and Financial industries
- Professionally engaged with reputed client organizations including Johnson & Johnson, and McKesson
- Recipient of **four** outstanding performance and commitment to **excellence awards** during the 3 years tenure at JPMorgan Chase & Co., Mumbai, including: the Impact Awards 2022, Corporate Excellence Award Q1 2023, GF&BM Innovation - Corporate Award 2023, H1-2022 CAO India Pinnacle Award
- Holder of **40+ prestigious certifications** from Google, AWS, Microsoft, Alteryx, SAP, UiPath, and CHEF
- Received the prestigious Best Team Award (2017-2018) as a part of Automation Team at Larsen & Toubro Infotech Ltd, Mumbai

EDUCATION:

Pune University (Savitribai Phule), Pune, India

Aug' 12 – Jun' 16

Bachelor of Information Technology

Coursework: Machine Learning, Internet of Things, Big Data, Database Management Systems, Data Science, Software Engineering, Operating Systems, Data Structures, Cloud Computing, Computer Graphics, Theory of Computation

INDUSTRIAL EXPERIENCE:

JP Morgan Chase & Co., Mumbai | Software Developer – Process Project Specialist of Corporate Sector **Apr' 21 – Present**

- Lead the implementation of end-to-end automation solutions through effective collaboration with Business, Technology, Risk & Controls partners, analyze solution capabilities, map manual touchpoints, and seamlessly integrate the automated solution with manual processes, ensuring coordinated delivery.
- Exemplify a proactive approach to innovation and creativity, consistently identifying potential automation opportunities and driving the implementation of effective industry solutions.
- Demonstrate deep understanding of the service delivery landscape, strategically plan the execution strategy for seamless implementation and ensure compliance with industry standards for automated solutions.
- Manage entire project execution, governance, and ensure tollgate adherence at every step of the project life cycle.

Larsen & Toubro Infotech Ltd., Mumbai | Application Software Developer

Nov' 17 – Apr' 21

- Architected and implemented multiple end-to-end tools for McKesson, Johnson & Johnson pharmaceutical organizations.
- Automated the strenuous manual SOX compliance process by Implementing Python based 'SOX (Sarbanes-Oxley Act) Compliance' Tool, reducing the manual efforts by 90%, from 15 days to 5 minutes.
- Developed Java based 'Service Now Incident Analysis' Tool to help the business analyze critical incidents, and their frequency trend of last six-months and get the insights on the SLAs.
- Implemented python based 'SAP ERP System Performance Analysis' tool, to demonstrate the overall health status of SAP ERP systems via few clicks.
- Performed POC of SAP Kernel Upgrade using CHEF (configuration management tool) & Ruby, thereby facilitating the centralized automated way of System Kernel Upgrades.
- Developed Data Prediction Tool in python, which predicts next day CPU utilization in every 30 min using time series model ARIMA and Python configure in Solution Manager Component of SAP System.
- Developed the solutions using python on SAP application interface to automate the daily monitoring tasks and reduce human errors and manual intervention and get more accurate results.
- Developed 'Disk Space Usage Daily Monitoring' Tool Using Python to check the disk space usage threshold, send email notifications to users, and upload the data on Tableau Server.

PROJECTS:

1) Financial Sentiment Analysis | Machine Learning, Tableau

- Implemented NLP Sentiment Analysis project to understand the corporate sector customer sentiments (positive, negative) based on their comments on 'Point of You' employee feedback web portal and communicate the results to leadership, on the tableau server for improvisation on financial services and products.

2) ARIBA Portal Data Processing and Email Notification | Python, Selenium, Web Scraping

- Implemented automation solution using selenium to login into ARIBA system and extract required fields, perform data processing, update the word document, and send email notifications to respective recipients.

3) Alteryx US Tax Reporting, WHT, VAT Reverse, D-Net Automation | Alteryx

- Implemented Alteryx reporting tool to perform the data processing and reporting on US Tax reports, VAT, D-Net reports and generate the results in excel.

4) Optical Character Recognition Tool | Python

- Implemented Optical character recognition system to read the images, scanned documents, PDF invoices, extract the required information from it, and update in the excel and word documents.

5) Funding process automation for Japan and China | Python

- Implemented JAPAN and CHINA funding process where solution reads the input emails, attached text, and excel documents, perform the data processing, open the ATIP China funding application, and add the details including date selection and submission for the payment request.

6) Proactive Data Quality Check in SAP | Python, SAP GUI Script

- Implemented Data Quality Check solution using SAP GUI scripting and python to read the TAX id and supplier details from input excel, Open SAP system and search for Tax id, Supplier name and get the results based on given conditions, take the sap screenshot, download the reports and generate the word document with SAP result details and screenshots.

7) Catalog Upload Automation | Python

- Developed application in python which reads the input file and open ARBA Supplier Network, get the catalog reports downloaded for selected date and open ARIBA payment portal, upload the catalogs, and send notifications to users.

8) Catalog file conversion - CIF to CSV | Python, VBScript

- Developed the solution to get the directory as input and convert all the CIF files to CSV using VBScript.

9) Contract Authorization Automation | Python

- Implemented solution in python which takes the input contract number open the ARIBA and COMPASS portals, extract details from web portals, perform data processing and update the word template, send the reconciliation result in table on email and attach evidence document templates.

10) RET Filings Automation | Python

- Developed solution to read the excel input file and update the profiled pdf RET Tax documents

11) QC Review: 3-way match between Ariba, Compass & SharePoint | Python

- Implemented Python solution to get the data from ARIBA payment portal, COMPASS, and PO Express SharePoint data and reconcile the data, generate the report, and send notifications to respective recipients.

12) Indirect tax Download of Transaction & Trial balance Automation | Python

- Implemented solution using python to login to the SAP CDGL web portal and download the transaction, trial balance, oracle and historical reports with multiple LE and account numbers.

13) Firm wide Loved Ones Email Automation | Python

- Implemented UiPath solution to read the excel data contains the Loved ones emails of newly joined employee and send the emails loved ones.

14) Speaker Engagement Automation | Python

- Developed a solution which continuously check the outlook mailbox for Speaker engagement email request, Read the mail body, and send an email to the delivery manager to get the speaker details. Once, post-delivery manager sent the details read the details from email and update the word template

TECHNICAL SKILLS:

- **Project Management:** Agile Practices and Deliveries, SDLC, Sox Compliance
- **Programming:** Python, R, Java, JavaScript, C++, Ruby, VBScript, HTML, CSS, XML, Shell Scripting, Kotlin
- **Databases:** Oracle, MySQL, SQLite, MongoDB
- **Frameworks & Tools:** Tableau, Python, Analytics in MS Excel, Advanced Microsoft Excel, R, Android, Git, UiPath, CHEF, Spyder, Jupyter, Selenium Web Driver, R Studio, PyCharm, NetBeans
- **Operating Systems:** Windows, Unix, and Linux
- **Familiar with:**
 - **Artificial Intelligence:** Machine Learning, Data Science, Big Data Computing, Data Mining, NLP, Internet of Things, Deep Learning, Descriptive Statistics, Neural Networks, Data Analytics
 - **AI and Data Science Libraries:** NumPy, Pandas, Scikit-learn, TensorFlow, Kotlin, Matplotlib, Plotly, Keras, Dash

CERTIFICATIONS:

- **Cloud:**
 - DP-900 Azure Data FundamentalsDP-900 Azure Data Fundamentals (Microsoft - Dec 2020)
 - AZ-900 Microsoft Certified: Azure Fundamentals (Microsoft - Oct 2020)
 - AWS Basic Fundamentals (Amazon Web Services - Aug 2020)
- **Data Engineering, Data Science and Artificial Intelligence:**
 - AI-100: Designing and Implementing an Azure AI Solution (Microsoft - Jan 2021)
 - Machine learning (Indian Institute of Technology, Kharagpur - Sep 2018)
 - Data Science for Engineers (Indian Institute of Technology, Madras – Apr 2019)
 - Soft Computing (Indian Institute of Technology, Kharagpur – Mar 2019)
 - Business analytics and data mining Modeling using R (Indian Institute of Technology, Roorkee – May 2019)
 - Big Data Computing (Indian Institute of Technology, Kanpur – Apr 2019)
 - Descriptive Statistics with R Software (Indian Institute of Technology, Kanpur – May 2019)
 - Microsoft Cognitive Services for Developers
 - IoT Development with Azure (LinkedIn - Jul 2020)
 - The Internet of Things with SAP (SAP - May 2020)
 - Practical Machine Learning with Tensor flow (Indian Institute of Technology, Madras - Mar 2020)
 - Enterprise Deep Learning with Tensor Flow (SAP – Jul 2019)
 - Microsoft Cognitive Services for Developers: 2 Speech (LinkedIn – Aug 2019)
 - Creating Trustworthy and Ethical Artificial Intelligence (SAP – Jul 2019)
 - Building A Recommendation System with Python Machine Learning Ai (LinkedIn – Aug 2019)

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- Microsoft Certified: Data Analyst Associate (Microsoft – Dec 2020)
 - Advanced Google Analytics (Google – Oct 2020)
 - Tensor flow 2.0 | Recurrent Neural Networks (Udemy – May 2020)
 - The Internet of Things with SAP (SAP – May 2020)
 - SAP Data Intelligence for Enterprise AI (SAP – Mar2020)
 - Introduction to Internet of Things (Indian Institute of Technology, Kharagpur – Nov 2019)
 - Introduction to Statistics for Data Science (SAP – Nov 2019)
 - SAP Intelligent Robotic Process Automation in a Nutshell (SAP – Oct 2019)
 - Business Analytics & Text Mining Modeling Using Python (Indian Institute of Technology, Roorkee – Sept 2019)
 - **Programming:**
 - JAVA
 - Basic Chef Fluency (CHEF – Apr 2018)
 - Kotlin (Google - Jul 2020)
 - Kotlin for Java Developers (LinkedIn - May 2020)
 - Programming, data structures and algorithms using Python (Indian Institute of Technology, Kharagpur – Oct 2018)
 - Business Analytics & Text Mining Modeling Using Python (Indian Institute of Technology, Roorkee – Sept 2019)
 - **Data Visualization:**
 - DA-100 Analyzing Data with Microsoft Power BI DA-100 Analyzing Data with Microsoft Power BI (Microsoft - Dec 2020)
 - Integrating Tableau and R for Data Science
 - Microsoft Power BI Microsoft Power BI (Udemy - Nov 2020)
 - **Automation:**
 - Alteryx Designer Core Alteryx Designer Core (Alteryx - Jan 2021)
 - Aviatrix Certified Engineer (Aviatrix - Sep 2020)
 - Aviatrix Certified Engineer – Multi-Cloud Network Associate (Aviatrix - Sep 2020)
 - UiPath RPA Developer Advanced Certification (UiPath – May 2019)
 - SAP Intelligent Robotic Process Automation (SAP - May 2020)