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Summary

- A dynamic result-oriented **Python Developer** with overall 7+ years of experience
- Currently associated with **Wissen Technologies, Bangalore as Senior Software Engineer**
- 3 years of technical background in application development, enhancements and support engagements
- 1 year of experience working on RPA tool Automation Anywhere.
- 1 year of experience in developing Big Data tool
- 2+ years of experience in end to end Digital Health Platform development.
- Worked in life science and networking domain
- Proficient in incident & change management system
- An effective communicator with good problem-solving, coordination and analytical skills

Education

- **B.Tech (Information Technology)**from Bharati Vidyapeeth College of Engineering, Pune in 2012

Technical Skills

- **Operating System**   : Windows 7/10, Linux
- **Ticketing Tool**   : HP Service Center
- **Technology**   : Python, Flask, Microservices, Hive, Sqoop, bash
- **Tools**   : PyCharm, PuTTY, WinSCP, Toad, JIRA, Confluence
- **Version Control**   : GIT
- **Integration tool**   : Jenkins
- **Bot creation tool**   : Automation Anywhere
- **Database**   : Oracle, MySQL

Trainings

- Successfully completed trainings on:
  - LS100 - Life science foundation
  - Basics of Hadoop and AWS
  - Agile methodology, Microservices

Experience Profile

Company	Designation	Duration
Wissen Technology	Senior Software Engineer	Feb 2021 – Till Present
Wipro Limited	Senior Software Engineer	Oct 2019 – Feb 2021
Infosys Limited	Technology Analyst	Feb 2014 – Oct 2019

Details of Work History

1) API NRT Framework

Working on developing, enhancing and maintaining the NRT framework for efficient and systematic testing of APIs.

Client   : MSCI
Tools   : Python 3.6
Tenure   : Mar, 2021– Till date
Role   : Python developer

Responsibilities:
- Discuss the enhancements to be implemented
- Implementation of the solution with object-oriented approach
- Present demo of the completed module
- Enhance the solution as per feedback from stakeholders and team members.
- Execute NRTs and compare output file manually, if needed.

2) Cisco DNA Center Automation

Worked on automating the features of Cisco DNA Center for efficient testing.

Client   : Cisco
Tools   : Python 3.6, Automation Anywhere, Jenkins
Tenure   : Aug, 2020– Feb, 2021
Role   : Python developer

Responsibilities:
- Understand the upcoming features of existing application
- Create AA Bots to simulate and test the existing feature
- Creating Jenkins pipeline for execution of modules
- Implementation of the modules as per discussion
- Present demo of the completed module
- Enhance the solution as per feedback from customer and team members.

3) DCNM – Service Pipeline Controller/Agent

Worked on programmable ASICs and creating agents for faster configuring and commissioning of the switch.

Client   : Cisco
Tools   : Python 3.6, PyCharm IDE, gRPC, PROTO, cmd, Netconf, YANG model, SQLite3
Tenure   : Nov, 2019 – July, 2020
Role   : Python developer

Responsibilities:
- Worked closely with client to gather requirement for upcoming modules of the application
- Discuss feasible approach of implementation with the customer
- Implementation of the modules as per discussion
- Present demo of the completed module
- Enhance the solution as per feedback from customer and team members.

4) Digital Health Platform for Medical Devices

Digital Health Platform generates health related insights for Diabetes patients using data from sensors in CGM devices, Insulin pumps, Fitness bands and food logger apps.

Client   : Medtronic
TeamSize   : 10
Tenure   : May, 2017 – Oct, 2019
Role   : Technology Analyst

Responsibilities:
- Consolidation of User requirements
- Algorithm creation based on user requirements
- Regular review and approvals of feasibility checks
- Set-up of Development environment for pattern detection engine
- Development of remediation ideas for implementation logic
- Development of Python codes for pattern detection engine
- REST APIs creation using Flask framework in Python
- Parsing and manipulating JSON inputs.
- Review and development of Insight modules based on recurring changes in implementation methodology
- Creation of Design requirement specifications and Feature vector table
- Creating unit test cases for user stories using python's inbuilt unittest module.

5) Big data tool development and enhancement

Infosys Information Grid (IIG) is a big data tool which is a metadata driven system for accelerating data ingestion, data curation (quality, transformation) and data egress.

TeamSize   : 15
Tenure   : July, 2016 – April, 2017
Role   : Senior System Engineer

Responsibilities:
- Worked as data engineering for IIG.
- Developed following modules:
  - Metadata extraction – This module was designed to take all the required metadata information from database and generates property file which is required for data ingestion, curation and egress. This module was built in Python.
  - RDBMS to hive loader – This module connects to RDBMS source (Oracle, MySQL) and loads the data into hive table for further processing using shell scripting and Sqoop.
  - Bulk Ingestion – This module was designed to import all/many tables from any RDBMS source to hive in bulk rather than one table using Sqoop.
  - File Ingestion/manipulation – This module is designed to pull data file (text, csv, JSON) and manipulate data as per business requirement.
  - Data egress – This module was developed to push the qualified data to external RDBMS system using Sqoop.
  - Table Ingestion – This module was developed using Python which takes tables from Oracle DB and MySQL DB and put it to AWS S3 location.

6) Clinical Trial Operations (CTO)

Development and Maintenance of applications which are used in Clinical Trials on human beings and were part of Clinical Trial Management System.

Client   : Pfizer
TeamSize   : 25
Tenure   : July, 2014 – June 2016

Role   : Senior System Engineer

Responsibilities:
- Worked as primary application engineer for Pfizer's Tier-1 applications like Rightrack II, PIMS, Investigator Databank, QI, Iguana.
- Engaged in development, bug fix, enhancement, RFC (request for change) and documentation for the above applications.
- Preparation of Problem Management and ticket trending reports.
- Knowledge on drug development life cycle and clinical trials operation.

Personal Information

- **Date of Birth:** 27th December, 1989
- **Address:** #102, Anugraha, 2nd Floor, 16th main road, Royal Meridian layout, Begur Road, Bangalore - 560068