Mahesh Nirmale
Python Professional
Gmail id:- maheshnirmale1991@gmail.com
Mob No.:- 9637441025/9579675202

Overall Experience - 6+ Years
Relevant Experience – 4.5 Years

SKILLS

Programming Languages: Python, SQL, Object Oriented Programming Language, Pycharm
Databases: Oracle, MySQL, PostgreSQL, Microsoft SQL server DB
Tools (Software): Securiti.ai, Talend
Frameworks: Flask
IDEs: PyCharm, Beaver, Visual Studio code
Reporting Tools: Pandas
Methodologies: agile
Project Management Tools: Asana, Jira
Other Tools: Securiti.ai, PyCharm, DBeaver, PostMan
Operating Systems: MS Windows 11
Cloud Computing : AWS

DOMAINS

Banking | Insurance

ACHIEVEMENTS
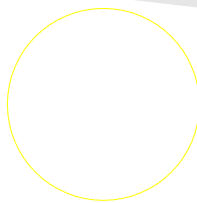
Received 2 Star Award at Synechron.

TRAINING/ CERTIFICATIONS

PrivacyOps Certification, Securiti.ai

Securiti Fundamentals Certification, Securiti.ai

EDUCATION

Bachelor of Engineering (Electronics and Telecommunication Engineering), SSPM's COE (Mumbai University)

SYNOPSIS

- Professional experience working as software engineer in software design, analysis, development, testing and implementation of web and client server application using Microsoft technologies and Python.
- Application Design and Development Python 3.9.
- Strong Development skills using Python, NumPy, Pandas, SQL, Object Oriented Programming, Pyspark.
- Data analysis using pandas, PySpark, Numpy.
- Experience in back-end development with Python and AWS (S3, EC2, IAM, Glue, Crawler, Athena, Lambda, Quick sight, Redshift, Security groups etc.)
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- Excellent Debugging, troubleshooting and code optimization skills.
- Capable of handling multiple tasks and priorities; self-motivated and display initiative.
- Used Asana and JIRA as a project management tool in the project.

WORK EXPERIENCE

Sr. Associate Technology | Synechron ltd
Jul'22 till date

Project: Vendor Cataloging
Client: Asurion (USA)
Role: Sr. Associate Technology

Description: Enterprise level Metadata Management, Python based Data extracts, API calls and automation, Data quality, Data Security and governance using Data catalog tools and best practices. We deal with both cloud and on -prem data that use technologies such as Python, EDBMS, AWS, Talend, Hive etc. Implement PII auto-tagging solution in metadata management tool and third-party vendor data mapping program.

Responsibilities:
- Implemented automated PII and PCI tagging solution in metadata management tool using Python.
- Used Levenshtein package to find metadata matches based on lookup values.
- Review automated tagging solution results and generate ad hoc reports as required.
- Research different APIs to implement automated data mapping.
- Implemented automated semantic mapping in metadata management tool using Python, Oracle SQL, PL/SQL.
- Implemented third party vendor data mapping.
- Worked on workflow orchestration for automation in security.ai.
- Having knowledge of PySpark, AWS, AWS S3, AWS Glue, AWS Crawler, AWS Athena, Redshift, Lambada, Quicksight etc.

Environment: Python 3.9, Securiti.ai, SQL, MySQL etc.

Software Engineer | Tech Mahindra Ltd
May'19 to Jul'22

Project: KEPLER -CP [Capacity Planning]
Client: AT&T Services Inc. (USA)
Role: Software Engineer - Python
Duration: May'19 to Jul'22

Project Description:

CP constitutes of three applications Data Dictionary, Re schedule and Volume models. CP consumes the Data Dictionary on an adhoc basis using a web service call. For a given AOI, this service generates calculated dispatch volumes at capacity category (clock) level for all buckets (Routing Areas) falling under the requested AOI. Re Schedule has recommendation engine which does the technician recommendation considering loan in/out state of different buckets. RE Schedule is triggered for each Region to generate Current day and Future 6 Days recommendations in CSV. Volume model forecasts the volume (job orders) for 7 days for install and repair job categories in CSV. These CSV files are used as an input to Microsoft BI to create dashboard and generate reports.

Responsibilities:

- Worked on Data Dictionary from scratch in design and development area.
- Completed custom logging system, design and coding, threading, code optimization, performance improvement, etc., tasks with Python. Also worked on functional changes for Re Schedule application.
- Worked on API creation using Flask framework, to handle data in multiple data sources like MySQL, PostgreSQL with the help of SQLAlchemy, pyodbc, mysql.connector modules. In this no UI part is included only backend request handling is used here with different python modules.
- Worked on python multithreading, python pipelines.
- Involved in data preparation, model building and performance improvement activities for Volume models on daily basis.
- Interacting with the clients on a regular basis for gathering the requirements and resolving issues pertaining to Data Dictionary and Volume models.
- Involved in all phases of project releases (Documentation, Designing, Coding, Deployment and Defect Fixing)

System Engineer | Open View Technologies Pvt. ltd (Tech Mahindra Ltd)
Jul 2017 to May 2019
Project: CSI (Common Services Interface)
Client: AT&T Services Inc.

Project Description:

CSI is middleware application which is based on idea being that many different customers (all with their own custom software) can access different AT&T backend business systems (all running their own custom software), just by connecting through a single interface point. Each customer needs to make sure their software works with the CSI application as it will communicate with all the downstream systems which customers need to ultimately communicate with. CSI application tracks other client applications such as RadioShack, AT&T Retail Stores, AT&T Call Centers, Walmart, connecting to us so that their customers can purchase AT&T products and services. CSI applications allow AT&T internal applications to work in fault-tolerant manner. If the CSI application is not available, then consumers will not be able to purchase AT&T products, or services.

Responsibilities:

- Worked on task in the Outage Incident Management. Drive application recovery efforts when production support is assigned the TOM role for all impacting outages.
- Initiate proactive investigations to avoid outages with other support teams and Incident manager.
- Perform proactive bounces to avoid outages and for smooth, error free flow of transactions.
- Provide specific, relevant production information to assist in troubleshooting the problem.
- Consulted drive and document improvement plans associated with outages.
- Root cause analysis and implementation of permanent fix for the outage.
- Provide support to AT&T Enterprise Midrange Mission Critical application and Non-Mission Critical Application monitoring, Support and troubleshooting.

Environment: SQL Developer, Splunk, NX client, Linux/Unix, Nagios, Tealeaf etc.

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