Seeking an opportunity to expand my responsibilities in a position that will utilize my extensive knowledge to enable my supervisors to concentrate on topics that are more important in the organizational perspectives.

**Career Summary:**

A top-performing Information Technology M.C.A credited with combining efficient systems support, rapid implementation, and reliable support to consistently deliver substantial improvements in service levels, delivery times, Consulting, Insurance and Business Environments.

**Software Analyst – (Lite SAP LLC, Texas, USA) – May.2022 to Present.**

Working for LiteSAP clients in US as a Software Analyst of the business applications Python and Java programming scripts and generation of reports. Also involved ad-hoc basis testing of the business applications.

**Client: GE**, **GA**

**Role**: **Python Developer , Duration: Jan 2023 to Present**

**Key Contributions**:

* Developed customized API with token-based authentication for Django using Rest Framework, SRSS, pySpark.
* Performing retrieval and validation on the at stored through API’s, DynamoDB.
* Used Bash Python included Boto3 to supplement automation provided by Ansible and Terraform for tasks such as encrypting EBS volumes, backing AMIs and scheduling Lambda functions for routine AWS tasks.
* Installed data sources like SQL-Server, Cassandra and remote servers using the Docker containers to provide the integrated testing environment for the ETL applications.
* Developed Node-based front-end applications for easy accessing , tracking and monitoring inventory system for internal usage with multi-level permission, SRSS , pySpark, Node JS.
* Developed numerous new features and enhancements for the Web application using Python/Django, HTML/CSS/JavaScript, as well as automating our development environment.
* Architected and developed python and Django for the backend development and front-end application using React, Webpack, Redux, and ES6/7 and   
  PostgreSQL for the database.

**Responsbilities**:

* Developed application logic using Python, Java script, C++. Used JMS for updating Mailing plans and tracking them. Used Java Server Pages for content layout and presentation.
* Worked extensively with Bootstrap, JavaScript, and jQuery to optimize the user experience.
* Enhanced existing automated solutions, such as the inquiry Tool for automated Asset Department reporting and added new features and fixed bugs.
* Created database using MYSQL ,wrote several queries to extract/store data.
* Developed, tested and debugged software tools utilized by clients and internal customers.
* Extracted and loaded data using Python scripts and PL/SQL packagesWorked on Installation and configure MongoDB Cluster nodes on different AWS EC2 instances .
* Involved in the Web/Application development using Python, HTML5, CSS3, AJAX, JSON, and jQuery.
* Developed and tested many features for a dashboard using Python, Java, Bootstrap, CSS, JavaScript, and jQuery.
* Generated Python Django forms to record data of online users and used PyTest for writing test cases.
* Implemented and modified various SQL queries and Functions, Cursors and Triggers as per the client requirements.
* Developed server-based web traffic using RESTful API’s statistical analysis tool using Flask, Pandas.
* Enhanced by adding Python XML SOAP request/response handlers to add accounts, modify trades, and security updates.
* Developed Windows services to store SQL Server data in to Cloud base data warehousing by using Microsoft Azure and Amazon Web Services (AWS) RedShift.
* Designed and engineered on-premise to off-premise CI/CD docker pipelines (integration and deployment) with ECS, Glue, ELK, Spark data bricks, firehose and kinesis stream.

**Environment**: AWS, Windows, python3.7, SQL Server, SSMS, AngularJS, libraries-(Numpy, Scipy, Pandas, pySpark, pyCharm, pyQuery, Matplotlib), HTML, JSON, Lambda functions.

**Client: SparkInfo, IND**

**Role: Software Analyst , Duration: May.2022 to Dec.2022**

**Key Contributions:**

* Developed views and templates using python and created a user-friendly website interface using Django’s view controller and template language.
* Have used python libraries like NumPy/SciPy, Pandas for market analysis and done some machine learning using python.
* Involved in building database Model, API’s and Views utilizing python, in order to build an interactive web-based solution and used Django Database API’s to access database objects.
* Worked on converting Hive/SQL queries into Spark transformations using Spark RDDs, python, and OOP with python. Worked on developing and executing shell scripts to automate the jobs.
* Involved in python OOD code for quality , logging, monitoring, and debugging code optimization.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript, Bootstrap and jQuery.
* Worked on python Open stack API’s used Python scripts to update content in database manipulate files.
* Analyzed the SQL scripts and designed it by using pySpark SQL for faster performance.
* Designed and deployed machine learning solutions in python to classify millions of previously unclassified Twitter users into core data products.
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, and JavaScript , also used Bootstrap as a mechanism to manage and organize the html page layout.

**Responsbilities**:

* Developed views and templates using python and created a user-friendly website interface using Django’s view controller and template language.
* Have used Python libraries like Numpy/SciPy, Pandas for market analysis and done some machine learning using python.
* Recorded the online users data using Python Django forms and implemented test case using Pytest.
* Successfully migrated the Django database from SQLite to MySQL to PostgreSQL with complete data integrity and Designed, CSV Parsing using the big data approach on AWS EC2.
* Developed Python scripts for testing the car functioning on different services.
* Worked with Splunk for testing the performance and debugging server level problems.
* Implemented various Validation Controls for form validation and implemented custom validation controls using Object Oriented JavaScripts.
* Used React JS in components like JSX, creating React components, Virtual DOM, React Props, Lifecycle methods, working with the React states and Events.
* Developed Restful Micro services using Flask and Django deployed on AWS servers using EBS and EC2.
* Developed views and templates with Django view controller and template to create a user-friendly website interface. Worked on Django and RabbiMQ queues.
* Used Circle CI for continuous integration and delivery platform over GIT.
* Used Django Migrations for designing and expanding of the database.
* Migrate the Libraries written using Sybase API’s to Oracle’s OCCI API’s.
* Migrating the Django database from SQLite to MYSQL to PostgreSQL with complete data integrity. Hands on experience in monitoring, developing and transforming data using SQL. Automation using python.
* Worked with various formats of files delimited text files, click stream log files, Apache log files, Avro files , JSON files, XML Files. Mastered in using different columnar file formats like RC, ORC and Parquet formats.
* Extensively implemented the python libraries like Pandas, Matplotlib, Numpy to manipulate and visualize the data using interactive charts.
* Extensively used Python modules such as requests , urllib, Beautiful soup for web crawling.

**Environment**: python, Django, Angular JS, HTML,CSS, JavaScript, JQuery, Sublime Text, Jira, GIT, py Builder, unit test, Web Services, AWS, S3, Spark, Selenium, RedHat Linux, Jupyter, Numpy, pandas, JSON.

**Junior Software Analyst – (Part-Time) Lite SAP LLC, Texas, USA) – Mar.2019 to Jan.2022**

**Duties & Responsibilities:**

Working for LiteSAP’s client in US as a part-time Junior Software Analyst of the business applications Python and Java programming scripts and generation of reports. Also involved ad-hoc basis testing of the business applications.

* File and exception handling request used python and Java for the business applications.
* For Decision making algorithms used Python Control Flows.
* Used IO streams and wrappers in Java applications to test the flows.
* Used OOPs concepts in reducing the duplication of the code.
* Tracked and reported bugs & generated reports using Python and Java scripts.
* Participate in meeting for discussing the status, issues and maintain SLA’s.
* Generate and test the Reports based on the Client Requirements.
* Coordinated with Functional Teams to Identify the Business Processes to be Performance tested.
* Identified problematic areas and recommended solutions to the developers and upper management.
* Conducted the Regression tests for already reported Bugs and change requests to test whether fix has been applied or not and also to test whether the fix causes another problem or not.
* Enhance Users Scripts by Correlation, parameterization, transaction points, rendezvous points and various Load Runner function needed.
* Identified problematic areas and recommended solutions to the developers and upper management.
* Tune systems for optimal performance and characterize systems on multiple platform and configuration combinations.
* Hands on experience in the creation of standards, templates, libraries.
* Performed End-to- End business application development and testing.
* Generated the detailed reports of the Bugs, Pass-Fail reports.
* Detecting bugs & classifying them based on the severity.

**MCA Projects:**

**Academic project 1: Title: Online Beauty Parlor Management System**

**Role, Language, Tools :** Developer, PHP& Xampp

**Description:** Developed an online PHP Application to Track the appointments,cancellations, Customer Details, Contact Numbers and Billing.

**Academic Project 2: Title: Predicting Crime Hotspots Using M L Algorithms**

**Role, Language, Tools :** Developer, Python, Anaconda & Jupyter

**Description:** The main objective of this project is to present Predicting Crime Hotspots Using Machine Learning Algorithms for that we collect historical data and build LSTM model

**Educational Qualifications:**

* **Master of Computer Applications**, Sri Padmavati Mahila Visvavidyalayam,73.39%
* **Bachelor of Science (M, S, Cs)**, (Vikrama Simhapuri University), 78.1%.

**Certifications:**

* **Python**
* **Java**

**Skills:**

|  |  |
| --- | --- |
| Programming Languages | Python, Java, xampp and BDL |
| Testing Tools | Mercury Quick Test Pro |
| Defect Tracking Tool | HP Requisite Pro and Lotus Notes |
| Performance Testing | HP LoadRunner |
| RDBMS | My SQL and MS-Access |
| Web Technologies | PHP, HTML, Java Script,CSS |
| Computer Skills | MS Office Word, Excel, PowerPoint |
| Environment | Windows |