Full Stack Python Developer Full Stack Python Developer Full Stack Python Developer - SOAP & REST Work Experience Full Stack Python Developer SOAP & REST November 2018 to Present with SOAP/XML and JSON format messages. Experience in building web services through SOAP and REST API. Full Stack Python Developer JP Morgan Chase & co. November 2018 to present

   Leveraged AWS cloud services such as EC2, auto scaling and VPC to build secure, highly scalable and flexible systems that handled load on the servers.   Implemented TFS Build Archival to AWS Simple Storage Service S3 and created Life Cycles for managing the files in S3. Implemented cloud watch for setting alarm for monitoring the Ec2 instances.   Working with AWS is the interesting part of it putty is used launching the Instance, hands on Azure.   Developed and maintained mostly Python and ETL scripts to scrape data from external web sites and load cleansed data into a MySQL DB   Experience in deployment automation and related tooling (Terraform, AWS Cloud Formation or similar).   Worked on deployment on AWS EC2 instance with Postgres RDS and S3 file storage   Worked as C++ Application developer for "Credit Risk-Addon" project, involved in the coding and testing phase.   Writing modules in Python to connect to MongoDB with PyMongo and doing CRUD operations with MongoDB.   Scripting in PowerShell and Python. Experience with systems and IT operations, monitoring operations is involved. Using Service to manage tickets as well as building backend automation. Handling tools such as GITHUB, Urban Code Deployment, SVN, Jenkins and Maven Dockers   Automating the tasks using Ansible playbooks, Shell scripting and Python. Provisioned and patched servers regularly using Ansible.   Experience writing Playbooks using Ansible to provision several pre-production environments and several proprietary middleware installations, created various modules and Manifests in Ansible to automate various applications.   Implemented code to perform CURD operations on Mongo DB using MongoDB module.   Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used Agile methodology for developing application. Administer WebSphere Message Broker and WebSphere MQ Series Administrations in Windows and Linux environment   Experience writing Playbooks using Ansible to provision several pre-production environments and several proprietary middleware installations.   Developed

Processes, Tools, Automation for Jenkins based Software for Build system and delivering SW Builds. Developed a Nifi Workflow to pick up the data from SFTP server and send that to Kafka broker. Loaded D-Stream data into Spark RDD and did in-memory data computation to generate output response. Created Python and Bash tools to increase efficiency of call center application system and operations, data conversion scripts, REST, JSON, and CRUD scripts for API Integration. Responsible for setting up Python REST API framework and spring framework using Django and Integrated the pages with Angular JS and j-query to make the pages dynamic. Created Python and Bash tools to increase efficiency of call center application system using Java Script, JSP, CSS and troubleshoot various issues in Python code and fix them with code enhancements- code used various python libraries such as Jython. DB2 SQL Procedures and UNIX Shell Scripts were designed and developed for Data Import/Export and Conversions Python Developer Barclays July 2012 to December 2016 Created Python scripts to automate AWS services which include web servers, ELB, CloudFront distribution, databases, security groups and application configuration. Perform S3 buckets creation, policies and IAM role-based policies. Build servers using AWS, importing volumes, launching EC2, RDS, creating security groups, auto scaling, load balancers (ELBs) in the defined virtual private connection. Implemented responsive web pages using HTML5/CSS3, Bootstrap & XML/JSON REST web Deploy applications on AWS by using Elastic Beanstalk. Migrated applications to the AWS cloud. Using Django evolution and manual SQL modifications, I was involved to modify Django models while retaining all data, while site was in production mode. Worked closely with designer, tightly integrating Flash into the CMS with in the Django models. Also created XML with Django to be used by the Flash. Involved in maintaining and editing Python scripts for application deployment automation. Created AWS Route53 to route traffic between different regions. Deployed cloud stack using AWS OpsWorks. Worked on Restful API's to access the third-party data for the internal analysis and statistical representation of that data and worked on Pandas to import the data, Sort and plot the statistical data using histograms. Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database. Developed software in C++, Pro*C, using

MQ series API to establish communication between Clients and AMEX servers.   By using pandas and NumPy libraries created python scripts to do ETL operations on large CSV, JSON and various types of files and converted into appropriate file types for database consumption.   Used Cloud Front to deliver content from AWS edge locations to users, allowing for further reduction of load on front-end server.   Using AWS SDK built tools that automated AWS server provisioning, automated application deployments, and implemented basic failover between regions.   Wrote python script that uses Front Arena API to update additional information such as client code and fund code on portfolios and trades.   Involved in the Design, development, test, deploy and maintenance of the website.   Wrote Python scripts to parse XML documents and load the data in database. Responsible for debugging the project monitored on JIRA (Agile)   Designed and created backend data access modules using PL/SQL stored procedures and Oracle.   Created interactive data charts on Customer portal web application using High charts JavaScript library with data coming from Apache Cassandra.   Running load/endurance tests using Vugen, ALM, and controller, server monitoring, analysis using Dynatrace, UNIX putty, SQL logs and other tools and reporting the performance. Analyzing errors and exceptions using putty logs (UNIX), etc.   Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.   Used SQL and MongoDB (NoSQL) to identify and troubleshot campaign errors.   Responsible for debugging and troubleshooting the web application.   Utilized Agile process and JIRA issue management to track sprint cycles.   Developed, tested and debugged software tools utilized by clients and internal customers. Education MTech University of North Texas 2018 Additional Information Skills CSS, HTML, JavaScript, jQuery, Python, Python Scripting   TECHNICAL SKILLS: Operating systems Windows, Linux, Ubuntu Languages Java, C, C++, R, Perl, Ruby Scripting languages CSS, JavaScript, AJAX, Python Script, jQuery, PHP, Shell Scripting Analytics Tools JMP PRO, SAS, Tableau, UCI NET, NodeXL ,MVC3 Markup languages HTML, XML, JSON Databases Oracle, My SQL, query languages: PLSQL, MongoDB IDEs/ Tools Eclipse, Toad, Sublime text, Spyder Methodologies & tools Object Oriented Programming, UML, Agile Scrum MS office tools Microsoft Excel (Super user), Microsoft word, Microsoft PowerPoint, PPT P

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