**BHANU PRASAD B. E-mail : bhanuprasad.mymail@gmail.com**

 **Mobile: 737-999-1222**

**Summary Of Qualifications**

* Having **12** years of experience in **Java** with **Web Services** and **vMware vRA/vRO** development.
Expertise in Java and J2EE technologies such as Servlets, JMS, EJB, JDBC, Spring(IOC and AOP), Hibernate, Java Beans, XML, XSL, and Web Services
* Great experience in writing SQL Queries, Stored Procedures, functions, packages, tables, views, triggers and data connectivity and data integration of MySQL Databases.
* Experience in installing, configuring and deploying enterprise scale J2EE applications on application servers including IBM WebSphere 5.x/6.x/7.x, WebLogic 8.1/9.2 and Apache Tomcat … in Dev, Testing and Production environments.
* Good experience in producing and consuming Web Services using SOAP and REST technologies.
* Hands on experience in developing VMware vRealize Orchestration (vRO) workflows.
* Having good Experience in developing vRO workflows and integrating with IBM APIM Connect.
* Independently drive the entire end to end orchestration discussion and solutions with client.
* Having good Experience in developing vRO REST API Integration.
* Experience with NSX-T administration and API level programming using vRO.
* Having good Experience in developing workflows and Automating task using java script in vRA\vRO environment.
* Creating **Terraform** environment for testing vRA Template Services.
* Having good Experience in developing **cookbooks for CHEF Automation**.
* Refractor existing HPSA Policies Chef Automation code and vRO development.
* Having good Experience in creating workflows and blueprints vRA\vRO environment.
* Automate deployments through the use of configuration management.
* Debug existing automation code and test to confirm functionality within cloud environment.
* Having good Experience on developing, deploying and testing on vRO Rest Integrations with third party applications.
* Having Foglight custom agents good Experience on publishing, consuming and testing web services.
* Experience with Version Control Systems like GITlab, GitGub, CVS, SVN(Subversion).
* Experienced in implementing and maintaining an Apache Tomcat /MySQL/PHP, LDAP, LAMP web service environment.
* Having good Experience on handling **Custom Exceptions**.
* Having good Experience on **testing** services using SOAP-UI.

**Technical Expertise**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **OS** | **Programming** | **Methodologies** | **Tools** | **Databases** |
| Windows and Sun SolarisLinux-RHEL | Core JAVA,J2EE,Ruby, Unixshell, Java scripting,Powershell,Python,PL/SQL | Agile, SCRUM,Waterfall | Eclipse,Netbeans,SoapUI, Git, Postman,Putty, Jenkins, Maven,CA Ralley,TFS, Kanban Board, JENKINS, CRUISECONTROL, ANT, MAVEN, CHEF, PUPPET,JIRA, BUGZILLA | Oracle,DB2,Pl sql |

**Education And Certifications**

* **Master of Computer Application (MCA) from Kakatiya University - 75% .**
* **Bachelors of Computer Application (BCA) from Kakatiya University - 66%**
* **Board of Intermediate - 71%**

**Project Details**

|  |  |  |
| --- | --- | --- |
|  **9** | Project :CLOUD AUTOMATION ENGINEERING | Oct-2019 to Present |
| Client: CITI BANK | USA |
| Role : Senior Software Engineer Python | Team Size - 5 |

**Responsibilities:**

* Worked in comprehending and examining the client's business requirements.
* Used **Django frameworks** and **Python** to build **dynamic webpages**.
* Developed tools for monitoring and notification using **Python**.
* Enhanced the application by using **HTML**and**Java script** for design and development.
* Used data structures like directories, tuples, object oriented class based inheritance features for making complex algorithms of networks.
* Created **MySQL** back-end for data entry from Flash and worked in tandem with the Flash developer to obtain the correct data through query string
* Involved in designing database **Model, API's**, Views using python to build an interactive **web based solution**.
* Generated **Python Django** Forms to record data of online users.
* Implemented Data tables to **add, delete, update**and**display** patient records and policy information using PyQt.
* Implemented a module to connect and view the status of an **Apache Cassandra instance**using**python**.
* Developed **MVC** prototype replacement of current product with **Django**.
* Improved the **Data Security** and generated report efficiently by caching and reusing data.
* Created **UI** using **JavaScript**and**HTML5/CSS3**.
* Managed datasets using **Panda data frames**and**MYSQL**. Queried the database queries using **Python-MySQL**connector and retrieved information using **MySQLdb**.
* Recorded the online users' data using **Python Django** forms and implemented test case using **Pytest**.
* Developed the application using the **TestDriven methodology** and designed the unit tests using **Python Unit test framework**.
* Created **web application** prototype using**jQuery** and**Angular JS**.
* Clean data and processed third party spending data into maneuverable deliverables within specific format with Excel macros and python libraries such as **NumPy, SQLAlchemy and matplotlib**.
* Used **Pandas** as**API** to put the data as time series and tabular format for manipulation and retrieval of data.
* Helped with the migration from the old server to **Jira database**(**Matching Fields**) with **Python scripts** for transferring and verifying the information.
* Experience in **python, Jupyter**, Scientific computing stack (**numpy, scipy, pandasand matplotlib**).
* Perform troubleshooting, fixed and deployed many **Python bug fixes** of the two main applications that were a main source of data for both customers and internal customer service team.
* Write **Python scripts** to parse **JSON** documents and load the data in database.
* Generating various capacity planning reports (graphical) using Python packages like **Numpy, matplotlib**.
* Deployed the project into **Heroku** using **GIT version** control system,
* Maintained and Updated the application in accordance to the clientele's requirement
* Fetched twitter feeds for certain important keyword using **Python-twitter library**.
* Used Python library Beautiful Soup for web scrapping to extract data for building graphs.
* Performed troubleshooting, fixed and deployed many **Python bug fixes** for **Learning Management System**
* Used Python Flask framework to build modular & maintainable applications.
* Automated data movements using **Python scripts**.
* Involved in splitting, validating and processing of files.
* Created core **Python API** which will be using among multiple modules.
* Uploaded statistics to **MySQL** for analysis and logging.
* Developed complex **SQL queries** for testing the **database functionality**.
* Used **UNIX server** for application deployment and configuration.
* Written shell scripting for automation.
* Provided technical assistance for **maintenance, integration and testing** of software solutions during development and release processes.
* Created **unit test/regression test framework** for working/new code.
* Automate deployments through the use of configuration management.
* Create Chef coding best practices for existing development team.
* Debug existing automation code and test to confirm functionality within cloud environment.
* Automated setting up server infrastructure for the DevOps Services using Ansible, Shell and Python Scripts.
* **Ubuntu**and**CentOS** servers.
* Worked on **Chef Cookbooks**and **Chef recipes**to automate infrastructure as a code. Setup the **Chef Nodes, Chef Client, Chef Server,**and **Chef Workstation**. Worked on Bootstrapping the **Nodes**.
* Created multiple **Python, Bash, Shell and Ruby Shell Scripts**for various application level tasks.
* Developing, deploying and testing vRO workflows.
* Experience with NSX-T administration and API level programming using vRO.
* Independently drive the entire end to end orchestration discussion and solutions with client.
* Enhanced and Supports the existing Automation flows and provisioning scripts.
* Integrating IBM API Restful Services with vRO.

**Technologies Used:**

* Operating Systems Windows and Linux.
* Browsers – IE 7 & 8,FireFox & Chrome.
* ChefSDK,Java,Ruby,Jenkins
* ChefSDK,Java,IBM API Connect,vRO SDK.

**Tech Stack:** Python, Django, Linux, HTML, CSS, Shell Scripting, PostgreSQL, MySQL, Python-Twitter Library, Flask, Web services, SVN, Pandas, FileZilla etc.

|  |  |  |
| --- | --- | --- |
|  **8** | Project : IaaS-Dev | May-2017 to Oct-2019 |
| Client: United Health Group stakeholders | Hyderabad |
| Role : Senior Software Engineer Python | Team Size - 5 |

|  |  |  |
| --- | --- | --- |
|  **7** | Project : Foglight-Dev | Dec-2013 to May-2017 |
| Client: United Health Group stakeholders | Hyderabad |
| Role : Senior Software Engineer | Team Size - 2 |

**Responsibilities**

* Developed Micro services & APIs using Spring Boot
* Used Apache Kafka cluster as messaging system between the APIs and Micro services
* Worked with Spring Integration to connect different components of the service seamlessly
* Working on DevOps tools like Jira/ Zephyr/ Selenium/ Robot/ Git/Stash/ Ansible/ Jenkins/ Reporting Automation.
* Involved in developing the UI pages using HTML5, CSS3, JAVASCRIPT, Angular.JS,JSON, JQUERY, and AJAX.
* Developed front end along with pages for user interactions; for the entire website using HTML5, CSS3, and JavaScript.
* Developed Single page web application using Angular JS to manage sworn documents for mortgage loans.
* Involved in DevOps migration/automation processes for build and deploy systems.
* Worked on creating Spring Data Repositories for SQL/NoSQL databases
* Worked on Apache Spark java API.
* Used Eclipse, JAVA, Maven for project development.
* Integrated Spring with Hibernate for persistence with database.
* Worked on Installation and configuration of DevOps tools.
* Worked on Drools to configure rules as per business requirements
* Used Spring framework to handle application logic and make calls to business objects and services
* Worked in responsive web design, and cross-browsers compatibility and DevOps environment and working with CI/CD methodologies with Jenkins.
* Implemented UI components and validations using jQuery and DOJO libraries.
* Participated in meetings, print planning and reviews
* Extensively the Spring framework including Spring MVC, Spring Transaction Management, Spring Data JPA Repositories, and Hibernate to create J2EE applications
* Designed and Developed J2EE web based consumer applications using Spring, JSP, and JavaScript.
* Developed application service components and configured beans using Spring IOC, creation of Hibernate mapping files and generation of database schema.
* Developing the code through different layers presentations layer using Spring4, Business Layer using Spring IOC, Service Layer using Hibernate ORM framework.
* Troubleshooting of application related issues by analyzing log files created in Linux/Unix environment.
* Used Eclipse IDE for designing, coding and developing applications.
* Worked on Web Services using java API for XML Services (JAX-WS) and build, deploying SOAP Web APIs Services.
* Developing, deploying and testing Foglight custom agents.
* Integrating Foglight custom agent collected data to different flat form application using Restful Services.
* Closely monitoring and generating Hourly stats for applications traffic.

**Technologies Used:**

* Operating Systems Windows.
* Browsers – IE 7 & 8,FireFox & Chrome.
* Foglight Dev\_kit 5.8.5,Java, SQL, Restful services.

**Tech Stack**: Java /J2EE, JSP, Web Services, SOAP, REST, SOA, Hibernate, Spring, JUnit, Maven 2.2.1, XML, XSLT, HTML, CSS, SAX, Git, SQL, Java script, Ajax,, UML, Eclipse

|  |  |  |
| --- | --- | --- |
|  **6** | Project : CTP | April-2013 to Nov-2013 |
| Client: MAXIS | Malaysia |
| Role : Software Engineer -DEV | Team Size - 3 |

**Description:**

**CTP(Over Drafts Reload)** - Emergency Top Up is a service which allows customer who is in need of credit to make calls or SMS.

**CTP(SATU/AATU/PATU) –**

Share-a-Top up - Share-a-Top Up is a service that allows customer to share credit balance to another party. This can be done via SMS or via UMB.

Ask-a-Top up - Ask-a-Top Up is a service that allows customer to request credit balance from another party.

Post-Aid-Top up is a service that allows customer to transfer credit balance to another party.

**Role & Responsibilities:**

* Integration testing and UAT support.
* Supporting ODR,SATU,AATU,PATU applications.
* Raising tickets to jeera for production issues.
* Closely monitoring and generating Hourly stats for applications traffic.
* Solving Complicated application level CMSS cases.
* Raising work order and preparing activity plans for new UCR Deployment.
* Directly interacting with client for UCRs and UAT discussions.

**Technologies Used :**

* Operating Systems –Unix/Linux.
* Browsers – IE 7 & 8,FireFox & Chrome.
* Java, Oracle, JAX\_WS, AXIS2.

|  |  |  |
| --- | --- | --- |
| **5** | Project : SOS | Jan-2013 to May-2013 |
| Client: MAXIS | Malaysia |
| Role : Software Engineer -DEV | Team Size - 5 |

**Description:**

**SOS/Lifesaver** - Emergency Top Up is a service which allows customer who is in need of credit to make calls or SMS.

**Role & Responsibilities:**

* Implementing new enhancements in applications.
* Integration testing and UAT support.
* Supporting production issues of SOS application.
* Reporting task automation.
* Automated several manual tasks in applications.
* Resolving CMSS cases of SOS application (L3 support).
* Supporting DB archiving activities for SOS application.
* Raising work order and preparing activity plans for new SOS UCR Deployment.
* Directly interacting with client for UCRs and UAT discussions.

**Technologies Used :**

* Operating Systems –IBM-AIX.
* Browsers – IE 7 & 8,FireFox & Chrome.
* Java, Oracle, JAX\_WS, AXIS2.

|  |  |  |
| --- | --- | --- |
| **4** | Project : SAL/AAL | Oct-2012 to Jan-2013 |
| Client: MAXIS | Malaysia |
| Role : Software Engineer -DEV | Team Size - 5 |

**Description:**

**SAL –**

Share-a-Top up - Share-a-Top Up is a service that allows customer to share credit balance to another party. This can be done via SMS or via UMB.

Ask-a-Top up - Ask-a-Top Up is a service that allows customer to request credit balance from another party.

**Role & Responsibilities:**

* Implementing new enhancements in applications.
* Integration testing and UAT support.
* Resolving production issues of SAL application.
* Reporting task automation.
* Automated several manual tasks in applications.
* Resolving complicated CMSS cases of SAL application (L3 support).
* Supporting DB archiving activities for SAL application.
* Raising work order and preparing activity plans for new SAL UCR Deployment.
* Directly interacting with client for UCRs and UAT discussions.

**Technologies Used :**

* Operating Systems –IBM-AIX.
* Browsers – IE 7 & 8,FireFox & Chrome.
* Java, Oracle, JAX\_WS, AXIS2.

|  |  |  |
| --- | --- | --- |
| **3** | Project : ETUB | July-2012 to Sep-2012 |
| Client: MAXIS | Malaysia |
| Role : Software Engineer -DEV | Team Size - 5 |

**Description:**

**ETUB** - This service allows customer to perform top up via their banks whereby there will be selected channel for top i.e. SMS, Internet Banking (IB) & ATM. Customer’s bank account will be debited real time upon top up performed. At the beginning of the day reports are churn out using scheduled task to produce reports for the banks and distributors.

**Role & Responsibilities:**

* Implementing new enhancements in applications.
* Integration testing and UAT support.
* Supporting production issues of ETUB applications.
* Reporting task automation.
* Automated several manual tasks in applications.
* Resolving complicated CMSS cases of ETUB applications.
* Raising work order and preparing activity plans for new ETUB UCR Deployment.
* Directly interacting with client for UCRs and UAT discussions.

**Technologies Used :**

* Operating Systems –IBM-AIX.
* Browsers – IE 7 & 8,FireFox & Chrome.
* Java, Oracle, JAX\_WS, AXIS2.

|  |  |  |
| --- | --- | --- |
| **2** | Project : RAPDRP (Re-structured Accelerated Power Development and Reform Program) | 01-Sept-2011 to 18-June-2012 |
| Client: Tamilnadu Power Corporation Ltd (TNEB) | India |
| Role : Software Engineer -DEV | Team Size - 3 |

**Description:**

The focus of the project shall be on actual, demonstrable performance in terms of sustained loss reduction. Establishment of reliable and automated systems for sustained collection of accurate base line data, and the adoption of Information Technology in the areas of energy accounting will be essential before taking up the regular distribution strengthening projects.

**Role & Responsibilities:**

* Involved in the Publishing, Consuming and Testing of Web Services.
* Understanding the requirements, Preparation of documents for web services.
* Involved in code reviews.
* Participating in Daily Meetings.
* Web services developed using Net Beans editor.
* Integrating all services to UI.
* Writing the Custom Exception Classes for fault handling in Web Services.
* Performed SOAP-UI Testing for Web Services.
* Involved in writing POJO classes for data retrieving.
* Integrating User Interface logic with Web Services.
* Directly interacting with client for UCRs and UAT discussions.

**Technologies Used**

* Operating Systems –Windows XP.
* Browsers – IE 7 & 8,FireFox & Chrome.
* Java, DB2, Tomcat, Hibernate, Jsf , JAX\_WS, JAX-RS.

|  |  |  |
| --- | --- | --- |
| **1** | Project :RAPDRP (Re-structured Accelerated Power Development and Reform Program) | 01-April-2010 to 01-Sep-2011 |
| Client :Utharakhand Power Corporation Ltd  | India |
| Role : Software Engineer -DEV | Team Size - 3 |

**Description:**

The focus of the project shall be on actual, demonstrable performance in terms of sustained loss reduction. Establishment of reliable and automated systems for sustained collection of accurate base line data, and the adoption of Information Technology in the areas of energy accounting will be essential before taking up the regular distribution strengthening projects.

**Role & Responsibilities:**

* Involved in the Publishing, Consuming and Testing of Web Services.
* Web services developed using Net Beans editor.
* Integrating all services in client server.
* Writing the Exception Classes for fault handling in Web Services.
* Performed SOAP-UI Testing for Web Services.

**Technologies Used**

* Operating Systems –Windows XP.
* Browsers – IE 7 & 8,FireFox & Chrome.
* Java, DB2, Tomcat, JDBC, Jsf, JAX\_WS.

**Personal Details:**

|  |  |
| --- | --- |
| Alternative Email  | bhanuprasad.mymail@gmail.com |