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| **Pooshan Vyas | pooshan.sde@gmail.com| +1 510-318-9300 | Fremont, California**  **Professional Summary:**   * Over 6+ Years of experience in Analysis, Design, Development, Management and Implementation of various stand-alone, client-server enterprise application & Hands on experience on Python, Django, Flask, Java, Database, Framework & Tools * Good knowledge and experience of integration architecture, Coding, Implementation, build and tools. * Experience in gathering requirements, designing, configuring/building and testing all kinds of integrations & applications. * Experience in working with web services (SOAP & REST) with SOAP/XML and JSON format messages. Working knowledge in building web services through SOAP and REST API. * Strong Knowledge in scripting technologies like Python, Scala, Shell, Groovy on Grails, Ruby, Bash. * Experience in MVC (Model View Controller) architecture using Hibernate, Spring and Struts framework and various J2EE design patterns and UML methodologies. * Experienced in installation, usage and management on AWS (Amazon Web Services), Jenkins and GIT for application. * Good experience in Shell Scripting, SQL Server, Unix and Linux, Open stack and Expertise python scripting with focus on DevOps tools, CI/CD and AWS Cloud Architecture. Good knowledge about the design of API's using Web. * Developed test scripts to automate process of testing in Selenium WebDriver. * Experience with SQL – MySQL, Phoenix. NoSQL databases like Apache Cassandra, MongoDB. * Experience in programming with Java/J2EE and strong experience in J2EE technologies like JSP, Servlets, EJB, JDBC, JMS, JNDI and Web Services in the application development. * Good knowledge on Python and Java Collections, Python Scripting and Multi-Threading, Object Oriented design. * Experience in software using pip command for python libraries like Beautiful Soup, numpy, SciPy, PySide, and used PEP8 coding convention, use-case and coding, implementation. * Worked with Waterfall, Agile, Scrum Methodologies. Worked on Tight deadlines and high standards. * Strong communication and inter-personal skills, technical documentation and reporting skills, problem solving skills accustomed to working in both large and small team environments.   **Technical Skills:**   |  |  | | --- | --- | | Languages | Python, Java, C, C++, Go, SQL, NoSQL, Scala | | Frameworks & tool | Django, flask, Twisted, Spring, Selenuim, Kafka, Spark, web2py, pyramid, Maven | | Database | MYSQL, SQL, MongoDB, Phoenix, Presto, HBase, Hive, PostgreSQL | | Developer tools | Pyscripter, Pycharm, Eclipse, Sublime text, Vim | | Web Technologies | HTML, CSS, Javascript, XML, AJAX, Jquery, Angular JS | | Verison control tools | GIT, SVN, CVS | | Defect Tracking software | JIRA, PVCS, Quality Center, Bugzilla and JIRA | | Test Management Software | Test Rail, Quality Center, ALM | | Document Repository | Sharepoint, Confluence | | Operating Systems | Linux, MacOS, Windows | | Protocols | TCP/IP, HTTP/HTTPS, SOAP, SNMP, SMTP, REST. | | Deployment Tools & Cloud | Heroku, Jenkins, AWS, Google cloud platform |   **Professional experience:**  **Sr. Python Developer, Marin Software, San Francisco, CA. April 2017 – Present**  **Description:**  This project is to provide the worldwide ad team with the integrated process necessary for them to complete a successful cross channel platform. From target tracking to ad based tracking, all business processes were to be integrated into the one platform. Additional customizations were made to Opportunities to be able to customize revenue and ads scheduling.  **Responsibilities:**   * Built tool from scratch for object data comparator, filter single/batch process in using Python, MySQL, Flask, REST API, HTML/CSS, Vue.js * Built & enhanced automation-tool framework & QE-testing using Python, Java, Spring, JUnit, resulted 90% coverage & 5% speedup * Implemented restful service & API framework in micro service architecture and validated results. API testing & platform testing * Worked in transactional-data-service, ETL, Phoenix, Presto, HBase, Hive, HDFS, Hadoop, Redis, CDH5, Kafka, Oozie, MongoDB, Git, Jenkins (CI/CD) & Agile. * Performed regression, integration & functional testing in Java, TestNg, Maven, Spring, Selenium, JMeter * Developed the application using agile methodology and Scrum method using Python Flask Framework. * Implemented RESTful API & Microservice in Python & Django with unit testing & TDD approach, resulted in fewer defect * Validated micro-services using Python boto3 SDK & microservice architecture using Python with ZeroMQ & in Docker env * Developed Python & Bash module to manage file workflow for Hadoop in AWS EC2/S3. Added logging, provided visibility * Big data analytics to Refined & Visualized Server log data using Hadoop/Hive, Zeppelin & Oozie. Used GitHub in team * Developed Pub-Sub webhook using Twisted Python & Kafka, event-driven system between Phone- Cloud Server- Laptop * Developed the application using agile methodology and Scrum method of project management. * Responsible for creating Business Logic to display records dynamically on template based on query and providing users   permission to access particular features of the site based on their role.   * Implemented python code to store and retrieve data.  Environment: Python, Django, PyUnit, PyQt, JQuery, JavaScript, HTML, CSS, XML, JSON, AJAX, Shell scripting, GitHub, agile, Jira, SQL, T-SQL, Java, Hadoop system, AWS, Linux, PyCharm, IntelliJ, Vim and Terminal. **Python Developer, Sonikpass, San Francisco, CA. May 2016 – March 2017**  **Description:**  The Project is based on the bulk messaging services and Oauth module. It provides secure auth and messaging services to all companies. Also make Web & iOS Application on Different Client Requirements and also maintain that web applications.  **Responsibilities**:  • Developed the application using agile methodology and Scrum method of project management.  • Developed web applications in Django Framework's model view control (MVC) architecture.  • Exposure on Multi-Threading factory to distribute learning process back-testing and into various worker processes.  • Performed efficient delivery of code based on principles of Test Driven Development (TDD) and continuous integration to keep in line with Agile Software methodology principles.  • Different testing methodologies like unit testing, Integration testing, web application testing  • Worked very closely with designer, tightly integrating Flash into the CMS with the use of FlashVars stored in the Django models.  • Design and implement Provisioning Server 5.6 upgrade to Provisioning Server 6.1.  • Developed test scripts for automation with Selenium.  • Python/Django based web application, Postgre sql DB, and integrations with 3rd party email, messaging, storage services.  • Architected, designed and implemented SAML and symmetric key based Single Sign On service provider systems.  • Build development environment with JIRA.  • Implemented multi-site Enterprise SOA using Oracle SOA Suite and also worked in SOA architecture WebSphere Message broker for integration.  • Also Created Angular JS controllers, directives, models for different modules of the application.  • Developed a fully automated continuous integration system using Git, Gerrit, Jenkins,  MySQL and custom tools developed in Python and Bash  • Involved in converting Hive/SQL queries into Spark transformations using Spark RDDs, Python.  **Environment**: Python, Django1.4, HTML/CSS, MS SQL Server 2012, MySQL, Script, Eclipse, GIT, GitHub, AWS, Linux, Shell Scripting.  **Python Developer, Gigamon, Santa Clara, CA. May 2015 – May 2016**  **Description:**  The Project is based on the network traffic visibility and building tool for inventory and analytics. Gigamon is software networking company and carry high standards when it comes to engineering. I worked and touched multiple areas during my work and time spent at Gigamon.  **Responsibilities:**   * Implemented RegEx & pattern matching to filter out emails with attachment & specific traffic, in Application Session Filtering. Tested on Gigamon devices GigaSMART, GigaVUE H-series in FM. Followed Google coding style guide & review * Python Automation to integrate QA team with dashboard & API integration on virtual platform, resulted in 10% speedup * Automated test cases & verified code coverage. Test-Driven Development approach. Jenkins, Jira, Ansible & Agile-Scrum * Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, Oracle DB, PostgreSQL, and VMWare API calls. * Performed 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 * Helped maintain existing Python (Django and Flask) applications. Interfaced with infrastructure services like Amazon AWS (S3, SQS) and used tools like Solr, RabbitMQ. * Built S3 buckets and managed policies for S3 buckets & used S3 bucket and glacier for storage and backup on AWS. * Used Pandas library for statistics Analysis. * Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for Oracle Database. * Managed large datasets using Panda data frames and MySQL. * Extensively used python modules such as requests, urllib, urllib 2 for web crawling. * Developed GUI using webapp2 for dynamically displaying the test block documentation and other features of python code using a web browser. * Developed the required XML Schema documents and implemented the framework for parsing XML documents. * Responsible for user validations on client side as well as server side. * Interacted with QA to develop test plans from high-level design documentation   **Environment**: Python, Flask Web Framework, HTML5, CSS, MySQL, JavaScript, JQuery, Sublime Text, Jira, GitHub, Linux.  **Software Developer Python, Bharat Sanchar Nigam Ltd, May 2011 to June 2014**  **Description**: BSNL is a is an information technology & Telecom services company offering services to original equipment, Software publishers and reseller customers. products and related logistics services. As a business process outsourcing and contract assembly it works with industry suppliers of IT systems, peripherals, system components, software and networking equipment, Broadband and transmission  **Responsibilities**:   * The project is developed through Agile method of Software Development Life Cycle. * Developed the application using Python Flask Framework. * Data is managed on Mongo DB using Py Mongo module. * Implemented code to retrieve and share the files from the Grid FS file storage and the database. * Developed the User Interface of the system using HTML, CSS and Java Script. * Jinja2 template Engine is used to develop the templates. * Built development environment with JIRA. * Created Unit test using python unittest unit test framework to test and improve the coverage of the code. * Worked extensively in Core Java concepts like OOPs, Exception Handling, Collections, Multi-Threading. * Participated in daily stand up meetings and provided updates on work status. * Used Core Java to write the business logic in all modules. * Experience in using the Collections in java like Array list, Hash Map etc. * Involving in Root Cause Analysis of recurring issues. * Developed Controllers for request handling using Spring framework * Extensively used Java Collection framework and Exception handling.   **Environment**: Python, Flask Framework, Jinja, Mongo DB, HTML, CSS, JavaScript, unittest framework, Git, JIRA, PyCharm.  **EDUCATION, San Jose, California**  MS, Computer Science (Software Engineering); MS, Electrical Engineering(Networking); BE, Electronics Engineering(EE)  RELEVANT COURSEWORK: Software Engineering & Architecture, Big Data, Cloud Computing, Algorithms, Machine Learning,  Data Structures, Object-Oriented Programming, Distributed System, OS, Network Security, Network Programming, SDN, NLP |