**Dixit Voora Email:** [**dvoora88@gmail.com**](mailto:dvoora88@gmail.com)

**Python Developer Mobile: 270-238-8339**

**PROFESSIONAL SUMMARY:**

* **7+ years** of strong **Data Engineering** experience in IT industry involving Project analysis, Design, development, testing, maintenance and documentation of different applications in various domains such as finance, health, banking.
* Actively involved in each phase of **software Development life cycle (SDLC)** and experience in **Agile** Software Methodology.
* Experience in developing web applications by following **Model View Control (MVC)** Architecture using server side application **Django.**
* I understand and experienced with the following; **Plone, Pyramid, Django, Angular Postgresql, ZODB, Key Value Stores, Couchdb, Couchbase, Linux, Nginx, Varnish, ReactJS** and **Odoo.**
* Good knowledge about frameworks such as **Bootstrap** and **Foundation**.
* Excellent Experience on various Python integrated IDE’s such as **Sublime Text, Pycharm, Eclipse and NetBeans.**
* Experience in working on various python packages such as **NumPy, SQL Alchemy, Pyside, SciPy, and PyTables.**
* Expertise in usage of **Django** Framework for developing web applications.
* Good knowledge in establishing database connections for Python by configuring packages **MySQL-Python.**
* Good experience in performing operations such as **CRUD** operations and writing complex queries with **Oracle 10g/11g.**
* Experience in developing web services (**WSDL, SOAP** and **REST**) and consuming web services with python programming language.
* Good experience in using **Shell** scripting for automation by following **Python PEP.**
* Hands on experience with installation and configuration of **Apache** Tomcat server.
* Used Amazon Elastic Beanstalk with Amazon **EC2**to deploy project into **AWS**.
* Expertise in full life cycle application development and also good experience in Unit testing and **Test Driven Development (TDD**) and **Behavior driven Development**.
* Hands on experience with continuous integration and automation using **Jenkins.**
* Hands on experience with version control tools such as **SVN, JIRA, GitHub, and GitLab.**
* Experience in Database modelling with **SQL**, **PostgreSQL**, and **MySQL**. Knowledge of **Azure** fundamentals.
* Experience in testing frameworks like **Behave.**
* Experience in Web Application Development, hands on experience of Python/Django, **Flask**, **SQL Alchemy, SQLite, JavaScript, JQuery, HTML5/CSS3, Bootstrap** and **JSON/AJAX.**
* Experience in working on different operating systems-windows, **Linux, UNIX**, and Mac also strong development experience on Linux based operating systems such as Ubuntu, Red Hat and CentOS.
* Excellent communication, Teamwork, inter-personnel and presentation skills, fast learner and organized self-starter.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Operating Systems** | Unix, Linux, Windows and Mac |
| **Programming Languages** | Python and PL/SQL |
| **Databases** | Oracle 10/11g, MySQL, SQL Server and PostgreSQL |
| **Tools** | Intellij, PyCharm, FileZilla, PL/SQL Developer, and TOAD |
| **Integration Tools** | Jenkins and Web Builder |
| **Version Control** | GitHub and SVN |
| **Defect Tracking** | JIRA, Git, and VersionOne |
| **Cloud** | VPC creation, EC2 instance, S3 buckets, RDS instances, Amazon command line, cloudFront, IAM, creating security groups, managing S3 object lifecycle, creating CDN, implementing S3 security & Encryption, Route53, working with databases and DNS, Using bootstrap scripts, AWS EC2 and S3 |

**EDUCATION:** Bachelor of Technology in Electronics and Communication Engineering

**PROFESSIONAL EXPERIENCE:**

**Care Source, Dayton, OH Nov 2015 – Present**

**Python Developer - Data Engineering**

**Description:** As per regulations related to **AML** every day data must be feed to the Office of Foreign Assets Control (OFAC) of the US Department of the Treasury administers feed record. In this project data from different line of business (Home Loans / Home Equity) must be extracted and sent it to the **AML LOB** in Care Source.

**Roles & Responsibilities:**

* Developed Python based micro service to extract the data from system of records into Enterprise Data warehousing.
* Developed another micro service to extract **AML** data from Enterprise Data warehousing and push to external systems in **JSON** format.
* All these batch micro services are written in Python utilizing distributed message passing via Kafka message broker with **JSON** as data exchange formats.
* All these four micro services are deployed in Mesos cluster in **AWS** using Jenkins, Marathon, and Chronos.
* Debugging the application and following messages in log files, to figure out the error if existing.
* Developed monitoring application which captures the error related data and store it in database
* Involved in storing binary data using **Couchbase** and **CouchDB Server.**
* Involved in tokenizing the sensitive data before archiving in **AWSS3** using **REST** based Enterprise Tokenization service, and encrypting the data before sending it over wire to external systems.
* Assisted with development of web applications **Flask, Pyramid, Django, Plone.**
* Developed Views and Templates with **Python** using **Django’s** view controller and template language.
* Built an Interface between Django and Salesforce and Django with **RESTAPI**
* Refactored existing batch jobs and migrated existing legacy extracts from Informatica to Python based micro services and deployed in **AWS** with minimal downtime.
* Involved in the setting up of Micro services in **HA** (Highly Availability) for resiliency.
* Used **REST**&**SOAP** to test web services.
* Developed Database Models in **PostgreSQL**.
* Developed Stored Procedures in **PostgreSQL**.
* Used **GitHub** for Python source code version control, Jenkins for automating the build docker containers, and deploying in Mesos.
* Performed unit testing using unit test and Nose, etc. Python unit testing frameworks.
* Created applications for software package, software framework and hardware platform using **SDK**
* Involved in service based **RESTful** technologies.
* Created a web service and provided its information to the service registry and made the information regarding the web service available to any potential requester using **SOA**.
* Assisted with development of internal **APIs** using **PHP7**, **Laravel**, and **MySQL**
* Performed in page caching using **Nginx, Varnish**.
* Assisted with writing effective user stories and divide the stories into **SCRUM** tasks.

**Environment**: Python, Boto3, Flask, Pyramid, Django, Plone, Docker, Mesos, SOA, REST, Chronos, Kafka, JSON, GitHub, Nginx, Varnish, LINUX.

**Velocis Technologies, Plano, TX Nov 2013 – Oct 2015**

**Python Developer - Data Engineering**

**Description: Velocis** is fast, reliable and agile, company started a pilot project. The main concentration is build amazing products/services powered by the Internet. Daily businesses are sent as a batch file from the company to make the transactions. Free Bird processes these files and process the transactions from respective channels such as **ACH**, **EFT**, and **EDI** payments

**Roles & Responsibilities:**

* The system is a full micro services architecture written in Python utilizing distributed message passing via **Kafka** with **JSON** as data exchange formats.
* Created 6 micro services that has the capability to transfer the input files to machine readable format and pass through respective payment channels.
* Managed, developed, and designed a dashboard control panel for customers and Administrators using **Django, HTML, CSS, JavaScript, Bootstrap, JQuery** and **RESTAPI** calls.
* Did full-page caching well using **Varnish** and could handle massive traffic without breaking a sweat.
* Experienced in taking advantage of **Nginx** in combination with **Apache** by using it as a reverse proxy.
* Supported development of Web portals, completed Database Modelling in **PostgreSQL**, front end support in **HTML/CSS**, **JQuery.**
* Debugging the application and following messages in log files, to figure out the error if existing.
* Designed and maintained databases using Python and developed Python based **API** (**RESTful** Web Service)using **Flask, SQL Alchemy** and **PostgreSQL**.
* Involved in analyzing the problems using transaction breakdown, network monitoring and resource monitoring to find the performance bottleneck.
* Maintained and monitored frameworks like **Django, flask**
* Developed monitoring application which captures the error related data and store it in database.
* Involved in scrubbing project, which updates the existing data with hashed values.
* Reverse engineer and re-implement legacy back-end software into Python with minimal downtime.
* Work closely with project leads to learn about the **Azure** services, environment deployment, and integration with tooling.
* Used **GitHub** as a version control.
* Worked on **UNIX** environment.
* Optimized system performance and managed the **API** lifecycle
* Performed unit testing.
* Worked closely with leads in implementation exposure on service based, **SOA, RESTful** technologies.
* Strong experience in developing Micro-services using **Dropwizard, Spring Boot, Lagom.**
* Work experience with Java Frameworks like **spring, Hibernate.**

**Environment**: Python, Dropwizard, Spring Boot, Lagom, Kafka, JSON, GitHub, LINUX, Django, Flask, Varnish, Nginx SOA, RESTful.

**Wells Fargo, West Des Moines, IA Dec 2012 – Oct 2013**

**Python Developer**

**Description:** Wells Fargo is an American bank holding company specializing in credit cards, home loans, auto loans, banking and savings products. This project required data movement from the online systems to different downstream departments for decision and reporting purposes using **PL/SQL, Autosys, PERL and Data stage**. Worked on varies python Modules and packages, Using **Django MVC** framework to develop the Web Application, Database modeling and design.

**Roles & Responsibilities:**

* Simple web app for reviewing **sitcoms** that gives users the ability to view, add, review, up/down vote, search, etc.
* Developed in Windows and going to deploy it in **Linux** server.
* Utilized Active Record eager loading to improve rendering time of index pages, incorporated up/down voting, reviewing, and several custom sorting methods for shows to provide smooth user experience.
* Supported the development of **BI** portal with development in **SQL**.
* Designed **satcom** solutions for Vertical markets, conducted **POCs** for **DSNGs** with major media houses and channels.
* Cross-referenced **Seat Geek** and Spotify **APIs** to get album artwork and track previews for each artist
* Boston concert aggregator that provides a comprehensive list of shows in Boston with track previews, album artwork, tagging, up/down voting, and more to help users find the best show in town.
* Support customers with **SDK**-usage and design related queries, and create high quality collateral (samples, notebooks, etc)
* Implementation exposure on service based, **SOA**, **RESTful** technologies.
* Experienced in **RSpec**, **Git**, **Object-oriented programming**, **MySQL**, **JavaScript**, **jQuery** and, **Amazon Web Services**, **Knockout**.

**Environment:** Oracle Database 11g/10g, TOAD, UNIX, PUTTY, PVCS, WinSCP, UNIX, PL/SQL, UNIX, Windows NT/XP, SOA.

**CMC, Hyderabad, India Jan 2010 – Oct 2012**

**Python Developer/ Build Release Engineer/dev Ops**

**Description:** CMC Limited is an information technology services, consulting and software company. Responsible for Business Development, Solution Design, Managing Service partners, Lead Generation, Proposal Development, Develop e BOM & SOW on Site Meeting, BOM, Managing POCs, and Training Delivery. Market Intelligence, Customer Acquisition, developing new products and solutions, Development using **Python/Django, HTML/CSS, JavaScript, Database modelling** using **PostgreSQL**.

**Roles & Responsibilities:**

* Created a portable fully automated test tool, allowing 24/7 integration support for two development sites around the world and decreasing code turnaround time from 4 hours to 1 hour
* Automated the daily and weekly build process to allow us to build daily builds twice a day for faster turnaround time for submitted code changes
* Automated the code release process, bring the total time for code releases from 8 hours to 1 hour
* Developed a fully automated continuous integration system using **Git**, **Gerrit**, **Jenkins**, **MySQL** and custom tools developed in Python and **Bash**.
* Implemented a review process in integration automation using Review Board and **Gerrit** that eliminated the need for a 5 hour per week daily approval meeting
* Developed a web tool that monitors and drives the automated continuous integration system allowing release managers to track changes
* Played a key role in a department wide transition from Subversion to **Git**, which resulted in an increase in efficiency for the development community
* Developed a Coverity mail script that extracts code defects data per component for a daily report to drive reducing defects in the codebase.
* Created modern, **REST APIs** from existing information assets.
* Manage a technician that oversees automation and carries out daily tasks.
* Designed and maintained databases using Python and developed Python based API (RESTful Web Service)using **Flask, SQL Alchemy** and **PostgreSQL**.

**Environment:** Python, Kafka, JSON, GitHub, LINUX.