**Dinesh Yanamandala**

**Ph**: - +1 469-320-1062 |**Email**: - sohel@conlogy.com

**Summary:**

* **5+** years of experience in field of software development using **Python** and Python Web Frameworks.
* Application development skills using Python 2.x, Python 3.x, core python, **Django**, **Flask**.
* Architect and designing using server-side applications like Django, Flask, and Pandas etc.
* Complete Knowledge on SDLC models, Agile (Scrum, Kanban).
* Python programming on handling warnings, Exception handling, concrete exceptions, binary data services.
* Hands on experience handling data in multiple data sources such as **Postgres, Google Firebase** and **Google Cloud**.
* Setting up Elastic Load Balancers (ELB's) and Auto Scaling groups on Production EC2 Instances to build Fault-Tolerant and High Availability applications.
* Using **Amazon EC2** command line interface along with Python to automate repetitive work.
* Accessing the files and directory, Data persistence, achieving and data compression.
* Handling file formats such as CSV, ZIP, HTML, JPEG and downloading files from web
* Internet access through Python, sending mail through python, opening web browser from python, downloading documents files, images through python.
* Worked on installation of Docker Using Docker Toolbox.
* Worked on creation of custom Docker container images, tagging and pushing the images.
* Internet Protocols and support through python, Multimedia services.
* Programming frame works such as turtle graphics and cmd.
* Maintained program libraries users’ manuals and technical documentation.
* Architecture using **Django**, **Flask** and **Pyramid** web application frameworks.
* Hands on experience using PowerShell for automation of python scripts and programs.
* Hands-on experience in deploying of applications in web services with protocols **SOAP**,**REST**.
* Good experience of software developing in python(libraries used : libraries- Beautiful Soup, NumPy, Scikit - learn, **PyQl**, SciPy, matplotlib, python-twitter, Pandas data frame, psycopg2, urllib2, boto3botocore etc.
* Worked on different python IDE’s: PyCharm, Ultra edit.
* Built various graphs for business decision-making using python matplotlib library.
* Experienced in writing programs which require use of machine learning concepts such as classification algorithm’s (Nalve-Bayes, CART decision) and clustering a algorithm’s (Hierarchical clustering, K-Means).
* Experienced in using various version control systems like GitHub enterprise.
* Expertise with automated testing tool such as **Selenium testing**.
* Extensive work experience on Black Box testing Integration testing and System testing and Automation testing.
* Developed automation frameworks using selenium web driver

**Technical Skills:**

|  |  |
| --- | --- |
| **Programming Skills** | Python, C, C++, Core Java |
| **Web Development Skills** | HTML5, CSS3, JavaScript, PHP, JSON, jQuery, XML and Bootstrap. |
| **Frameworks** | Django, Flask, Node.js and Pyramid. |
| **IDE(s)** | Geany, PyCharm, Eclipse, Android Studio, Spyder and NetBeans. |
| **Database** | Oracle, MySQL PL/SQL, PostgreSQL, Firebase |
| **Operating Systems** | LINUX, UNIX and WINDOWS |
| **Web Services** | REST, SOAP and AWS |
| **Servers** | Apache Tomcat and Web Logic |
| **Version Control** | Tools Git, GitHub, SVN |
| **Development Process** | Waterfall, Agile and Scrum. |
| **Bug Tracking Tool** | JIRA, Bugzilla |
| **Deployment Tools** | Heroku, Jenkins, Amazon Webservices (EC2, S3) |

**PROFESSIONAL EXPERIENCE:**

**Python developer, Kraft Heinz Food Company, Chicago May2018 – Till date**

**Responsibilities:**

* Experienced working with various Python Integrated Development Environments like PyCharm, Eclipse, and Net Beans.
* Involved in analyzing the high-level data structures and non-relational databases.
* Responsible for interacting with different teams involved in developing the migration and data sources.
* Complete Knowledge on SDLC models, Agile (Scrum, Kanban).
* Responsible for a team to design and develop the API’s as per their requirement.
* Involved in storing the data in different sources and analyzing as per the requirements.
* Have involved in migrating the secured existing application from PHP technology to Python 3.5.
* Was storing the data in multiple data sources such as **Postgres, Google Firebase** and **Google Cloud**.
* Worked on installation of **Docker** Using Docker Toolbox.
* Worked on creation of custom **Docker container images**, tagging and pushing the images.
* Responsible for setting up Python REST API framework and spring framework using Django.
* Developed Python based API (RESTful Web Service) to track sales and perform sales analysis using Django, SQL Alchemy and PostgreSQL.
* Developed and designed an API (RESTful Web Service) for the company’s website
* Developed and designed e-mail marketing campaigns using HTML and CSS
* Developed server-based web traffic statistical analysis tool using Django
* Involved in development of the enterprise social network application using Python, Twisted, and Cassandra.
* Good understanding of Postgres, both database modelling and efficient querying and updates.
* Solid in OOPS and Design Patterns and Linux based development.
* Ability to troubleshoot the existing application and provide root cause analysis.
* Designed and developed components using Python with **Django framework**. Implemented code in python to retrieve and manipulate data.
* Designed dynamic and cross-browser compatible pages using web technologies such as AngularJS, Html5, CSS3, JavaScript, jQuery, JSON, CSS bootstrap, JSP.
* Experience in Mongo DB installation**,** patching, troubleshooting, performance, tracking/tuning**,** back - up and recovery in dynamic environments.
* Worked extensively with Nagios monitoring system as well as other monitoring tools.

**Environment:** Django, Python, oops, Linux, Postgres, Docker, REST, Google Firebase, GCD, GCP

**Python developer, Texas Instruments, Dallas-Tx Nov 2016 –May2018**

**Responsibilities:**

* Have work experience with various Python Integrated Development Environments like PyCharm, Eclipse, and Net Beans.
* Involved in development of the enterprise social network application using Python, Twisted, and Cassandra.
* Good understanding of Postgres, both database modeling and efficient querying and updates.
* Experience in Python programming using **Django** and **Postgres.**
* Solid in OOPS and Design Patterns and Linux based development.
* Ability to troubleshoot the existing application and provide root cause analysis.
* Designed and maintained databases using Python and developed **Python-based API** (RESTful Web Service) using Flask, SQL Alchemy, and Postgres SQL.
* Designed and developed components using Python with Django framework. Implemented code in python to retrieve and manipulate data.
* Experience with Test-Driven Development (TDD) using packages such as mocking frameworks and unit test
* Used Mongo DB internal tools like Mongo Compass, Mongo Atlas Manager & Ops Manager, and Cloud Manager etc.
* Designed dynamic and cross-browser compatible pages using web technologies such as
* AngularJS, Html5, CSS3, JavaScript, jQuery, JSON, CSS bootstrap, JSP.
* Designed dynamic and cross-browser compatible pages using web technologies.
* Experience in Mongo DB installation**,** patching, troubleshooting, performance, tracking/tuning**,** back - up and recovery in dynamic environments.
* Responsible for setting up **Python REST API** framework and spring framework using Django.
* Managed and improved the build infrastructure for global software development. Engineering teams including implementation of build scripts, continuous integration infrastructure and deployment tools.
* Developed user interfaces using HTML, CSS, JavaScript, Ajax, JSON and jQuery.
* Developed views and templates with Python and using **Django's** view controller and template language, Website interface is created.
* Experience with advanced CSS concepts and also building table-free layouts

**Environment:** Django, Git, Python oops, Linux, Postgres, Nagios

**Python developer, Citi Group, New Jersey Sep 2015 - Oct 2016**

**Responsibilities:**

* Responsible for the design, development and administration of analytical data process such as converting **TERADATASQL**, scripts to **REDSHIFTPSQL**, scripts, data validation checks, metadata review, included within those responsibilities are the areas of data access and delivery technologies.
* Includes expertise in data quality, data organization, metadata and data profiling.
* Data set sizes are usually huge (more than hundreds of millions of records), storing millions of records in csv files and excel spreadsheets.
* Leveraging Driver tables to pull data in Teradata, Redshift (UD interim and Driver).
* Mapping the true source of the fields from the table and moving the fields from **S3RAW**, LOAD Ready, Extract datasets to **REDSHIFT** using **AWS CLI** and Python.
* Working with **AWS services** like **EC2, S3, IAM and REDSHIFT**.
* Data ingestion to configure parameters.
* Working on FUSION UAT, BAU testing for both Teradata and Redshift.
* Understanding the PDS – BAU data workflow such from following.
* Mainframe files-> Cluster-> validation->Preproc Wrapper-> XFORM JBOS-> S3-> REDSHIFT LOAD.
* Working on FRB reporting converting and making reports using Python (Pandas, XLSX writer etc., modules).
* Converting Kohls library metric Scripts: commonly used metric scripts. Driver table scripts and others etc. from Teradata SQL syntax to Redshift PSQL syntax.
* Branded card tables and field’s validation and testing from converting the shell, SQL scripts to python and **PSQL** in **AWS**.
* Demonstrated to move from one sequential assignment to the next (work environment and properties can change quickly depending on business needs).
* Ability to move data between production systems and across multiple platforms
* Experience with Financial domain clients.
* Works substantially with little supervision or oversight to deliver key milestones.
* Ability to deliver highly technical information to an analyst team to support their own systems migration responsibilities.

**Environment:** Django, Python oops, Linux, PSQL Postgres,

**Build/Python Engineer, Cyient, India Sep 2012 - Jun 2015**

**Responsibilities:**

* Well versed with configuration management policies and practices with regards to SDLC along with automation by using scripting languages like Shell/Python Scripting.
* Developed strategic partnerships with the business unit to develop a solid knowledge base of the business line, including the business plan, products, and processes.
* Experienced in build and deployment of Java applications on to different environments such as QA, UAT and Production.
* Build and deployment of scripts using python scripting, Shell to setup development and QA environments.
* Worked with Version Control tools like GIT.
* Used Python and Django creating graphics, XML, json processing, data exchange and business logic implementation
* Utilized PyUnit, the Python unit test framework, for all Python applications.
* Packaging, build, Test and Deploy chain, SVN with Dev/Test/Prod Branching Model for weekly releases.
* Hands on standard of SCM tools (Git), CI/CD (Jenkins/Maven) process
* Developed GUI using webapp2 for dynamically displaying the test block documentation and other features of python code using a web browser
* Co-ordinated with developers, Business Analyst and Mangers to make sure that code is deployed in the Production Environment.
* Wrote Python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization.
* Involved in Installation and setting up Python /Linux test beds.
* Worked with JSON based REST Web services.
* Generated property list for every application dynamically using python.
* Created branches in GIT implementation parallel development process.
* Created deployment request tickets in Bugzilla for the deploying the code to Production.
* Provided on-going support and administration for Jenkins, SonarQube, fortify scan, GIT and build automations.
* Installed Jenkins on Linux machines and created master and slave configurations to implement multiple parallel builds.

**Environment:** GIT, Jenkins, Nexus, Django, Linux, Python/Shell script, Tomcat.

**Education: -**

**Master’s in Computer Information System’s**

**New England College, New Hampshire.**

**Related coursework:**

* Mobile web development, Information System Security, Patterns of Enterprise Systems, Advanced Database Systems. Software Engineering Projects, System Analysis Techniques

**Undergraduate: - Bachelor of technology in Computer Science and Engineering**

**JNTU Hyderabad, Telangana, India.**

* Bachelor’s Degree in computer Science and Engineering for beginners and have full knowledge of internet, E-mail, Database, Management Systems