

PYTHON DEVELOPER PYTHON DEVELOPER PYTHON DEVELOPER - GitHub, SVN Baton Rouge, LA Work Experience PYTHON DEVELOPER GitHub, SVN December 2016 to Present

Experience with IDEs - Sublime Text, JetBrains Pycharm. Ability to learn and adapt quickly to the emerging new technologies and paradigms. PYTHON DEVELOPER Comcast - IN Dec 2016 to Till date

Responsibilities: Worked with various C tasks, integrated with them using Python. Designed and developed a horizontally scalable APIs using Python Flask. Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript. Also, used Bootstrap as a mechanism to manage and organize the html page layout. Extensively involved in performing unit testing using PyUnit which are bundled and imported automatically. All the code are stored in local Git repository and once it is validated then it is committed onto GitHub. Installation, configuration and administration of Virtual box and VMware virtual machine for Ubuntu and Linux servers. Created SQL loader Scripts to load data into the temporary staging tables. Scripted Powershell reports to check for user account audit compliance. Involved in making GUI (JSP, HTML, and JS) and java classes using Struts Framework. Object Oriented Concepts(OOPS) like Collections, Multi-threading, Exception Handling, Reflection. Used Python scripts to update content in the database and manipulate files. For Python programs, debugging was done using module PDB in an interactive source code. Developed unit test cases using Python and automated tests in Linux using internal tools. Carried out various mathematical operations for calculation purpose using Python libraries. Automated the cloud deployment using Python and AWS cloud formation templates. Environment: Python, C, Django, Pytest, Git, JSON, SQL, Shell, MySQL, Flask, Pycharm, HTML/CSS, Bootstrap, Linux, AWS, Javascript, Jenkins. JR. PYTHON DEVELOPER Computer Science Corporation - Hyderabad, Telangana June 2013 to July 2015

Responsibilities: Used Django and Python for designing of forms, modules, Views and Templates which incorporates various graphical elements for the content produced. Worked on UI using CSS, HTML, JavaScript, AngularJS and JSON for presenting content in their websites. Wrote and executed various database queries on Python using Python-MySQL connector and MySQL DB package. Worked with SCRUM Agile methodology to ensure delivery of high quality work with

monthly iteration/time box. Executed Backend and Database tests using SQL queries, validating the data for database editing and debugging is conducted using selenium. Developed tools using Python, Shell scripting to automate some of the menial tasks. Used integrated debugger tool from PyCharm for debugging of source code for better analysis. Designed and developed Python Django templates and UI components using HTML, CSS, JavaScript, JQuery and JSON. Implemented user interface guidelines and standards throughout the development and maintenance of the application using Python. Used Pandas API to put the data as time series and tabular format for fast timestamp data manipulation and retrieval. Used AJAX and JQuery for transmitting JSON data objects between frontend and controllers. Used JIRA to maintain system protocols by writing and updating procedures and business case requirements, functional requirement specifications documents. Implemented unit testing using PyUnit, and tested several RESTful services using SOAP UI. Also used Bootstrap as a mechanism to manage and organize the html page layout. Environment: Python, Django, Numpy, Git, Pytest, JSON, SQL Alchemy, MySQL, Eclipse, Pycharm, HTML/CSS. Linux, JIRA, REST web

**MASTERS PROJECT** Web Developer

Developed application using Web API to talk to external applications and also involved in writing some ASP.NET Web Forms, ASP.NET MVC applications. Used MSTest as a Unit testing framework before making a person entry. The Application is all about the criminal history of a person, to solve major problems facing by police and people. Responsible for debugging, testing, maintaining and deploying the application. Design of an application for managing retail sales for Sam's club

Using SAP Created and maintained the database of Sam's Club. With the data created iOS application using Swift. Converted to the Mobile Application. Published application in iOS platform and monitored the application performance using the statistics provided by the Apple dashboard.

Education Master of Science in Computer Science Southern University A&M College - Baton Rouge, LA May 2017 Bachelors JNTU - Hyderabad, Telangana Skills BOOTSTRAP (3 years), CSS (3 years), DJANGO (3 years), Git (3 years), HTML (3 years)

**Additional Information**

**TECHNICAL SKILLS:** Languages: Python, Java. Frameworks: Django, Pytest, Flask, Web2py Databases: MySQL, PostgreSQL, MongoDB, SQLite. Web Technologies: HTML, XML, CSS,

JavaScript, JQuery, JSON, Bootstrap.      Web services: HTTP/HTTPS and REST and SOAP  
Web/Application Servers: Apache Tomcat, Nginx.      Operating System: Linux, Unix, Windows, Mac  
OSX.      Version Control Tools: Git/GitHub, SVN, CVS, BitBucket.      IDE's: Sublime Text, Visual  
Studio, Eclipse, PyCharm, Atom.      DevOps Tools: Docker, Kubernetes.      Methodologies:  
Agile(Scrum, kanban boards).

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