**Ashraf**

**Python Developer**

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**Professional Summary:**

* Over 6 years of experience as a Web/Application Developer and Cloud Engineer as coding with analytical programming using Python, Django, HTML, CSS, JavaScript.
* Experienced in object-oriented programming (OOP) concepts using Python and PHP.
* Expert in STL containers, Design Patterns, Socket programming, Multithreading.
* Actively involved in each phase of software Development life cycle (SDLC) experience in Agile Software Methodology.
* Experience in AWS Cloud platform and its features which includes EC2, IAM, EBS Cloudwatch, AWS Config and AWS S3.
* Experience in working on various python packages such as NumPy, SQL Alchemy, matPlotlib, Beautiful soup, pickle, PySide, SciPy, PyTables.
* Experience in developing web-based applications using Python 2.7/2.6, Django 1.4/1.3, PHP, Angular JS, VB, C++, XML, CSS, HTML, DHTML, JavaScript and jQuery.
* Experience in developing web services (WSDL, SOAP and REST) and consuming web services with python programming language.
* Experience in Python open stack API's.
* Experience in using various version control systems like Git (GitHub), SVN, CVS.
* In-depth experience in LAMP (Linux, Apache, MySQL, Python) Architecture.
* Good knowledge in working with application server - Apache Server, Tomcat (6.0, 7.0, 8.0), Nginx, WebLogic (10.0, 10.3, 11g), WebSphere (7.0, 8.5).
* Performed Unit testing, Integration Testing and generating of test cases for web applications using Junit and Python Unit test framework Hudson/Jenkins in the builds triggered by each push to GIT.
* Experienced with integration of MongoDB and Casandra databases.
* Experience in Python open stack API's.
* Experience with UML diagrams
* Excellent Experience on various Python integrated IDE's such as Sublime Text, Pycharm, Eclipse, NetBeans.
* Experience in developing web applications by following Model View Control (MVC) Architecture using server-side applications Django, Flask and Pyramid.
* Hands-on experience in Unix and Linux Kernels.
* Hands on experience in SVN, Git, JIRA.
* Hands on experience with version control tools such as SVN, GitHub, GitLab.
* Experience in SAS/STAT with linear and logistic regression.
* Working on Server-Side validations using REGEX sent response by using Json, by following the OWASP Strategies.
* Good knowledge in various stages of SDLC (Software Development Life Cycle), Software Testing Life Cycle (STLC) and QA methodologies from project definition to post-deployment documentation.
* Experience in designing the project workflows/pipelines using Jenkins as CI tool.
* Achieved continuous deployment using IBM uDeploy. Integrated uDeploy with nexus and Jenkins to achieve CD.
* Hands on experience with installation and configuration of Apache Tomcat server.
* Implemented SonarQube for code quality check and Nexus repository and integrated them into Jenkins to achieve Continuous Integration.
* Good Knowledge in creating processing data pipelines using Kafka and Spark Streaming.
* Assisted in pricing of securities including bonds and mortgages in programming domain such as C++, MATLAB and R programming.

**Technical Skills:**

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| **Languages** | Python, JavaScript, XML, SQL |
| **SCM Tools** | Subversion, Perforce, Jenkins/Hudson, Sonar, Jira, TFS, Confluence, Clear Case, GIT, GitHub. |
| **Python Libraries** | NumPy, SQLAlchemy, PyGame, PyGlet, PyGtk. |
| **Database** | MongoDB, PostgreSQL, SQL Server, MYSQL and, Oracle, DB2, ODBC |
| **Application Servers** | WebLogic, JBoss, IBM WebSphere, Apache tomcat5.5, IIS. |
| **Issue Tracking Tools** | ATLASSIAN JIRA, BUGZILLA, Mantis, Service Now |
| **Automation Tool** | Salt stack, Chef & Puppet |
| **Protocols** | TCP/IP, HTTP/HTTPS, SOAP, SNMP, SMTP, REST. |
| **Bug Tracking Tools** | Jira, Bugzilla, Rational |
| **Frameworks** | Django, web2py, pyramid, Flask |
| **Build Tools** | Maven, Ant |

**Professional Experience:**

**Python Developer**

**AT&T, Middletown, NJ Jan 2018 to Present**

**Responsibilities**:

* Built database Model, Views and API's using Python for interactive web-based solutions.
* Placed data into JSON files using Python to test Django websites. Used Python scripts to update the content in database and manipulate files.
* Developed web based application using Django framework with python concepts.
* Generated Python Django forms to maintain the record of online users.
* Used Django API's to access the database.
* Involved in Python OOD code for quality, logging, monitoring, and debugging code optimization.
* Wrote Python modules to view and connect the Apache Cassandra instance.
* Created Unit test/ regression test framework for working/new code.
* Installed and maintained web servers Tomcat and Apache HTTP in UNIX.
* Developed efficient Angular.js for client web based application.
* Responsible for designing, developing, testing, deploying and maintaining the web application.
* Designed and developed the UI for the website with HTML, XHTML, CSS, Java Script and AJAX.
* Involved in working with Python open stock API's.
* Extracted log from Git using Python and performed data cleaning using regex to generate the Changelogs for comparing different software versions.
* Responsible for managing large databases using MySQL.
* Developed and designed automation framework using Python and Shell scripting.
* Involved in debugging and troubleshooting issues and fixed many bugs in two of the main applications which are main source of data for customers and internal customer service team.
* Implemented SOAP/RESTful web services in JSON format.
* Created Git repository and added the project to GitHub.
* Involved in debugging the applications monitored on JIRA using agile methodology.
* Attended many day-to-day meetings with developers and users and performed QA testing on the Application.
* Experience in using containers like Docker.

**Environment**: Python 2.x+ and 3.x+, Django 1.4, HTML, CSS, AJAX, Tomcat, Apache HTTP, Angular.js, JSON, Restful, XML, JavaScript, OOD, Shell Scripting, GIT Hub, MYSQL, Cassandra, JIRA.

**Python Developer**

**eBay, San Jose, CA Jan 2015 to Dec 2017**

**Responsibilities**:

* Used Django framework for application development.
* Booting up nodes using prebuilt images on Amazon EC2. Uploading, Copying, Downloading, and Deleting files using Amazon S3.
* Responsible for Installation and configuration of Hive, Pig, HBase and SQOOP on the Hadoop cluster.
* Implemented automations tools Chef, Puppet, Splunk and cloud services AWS
* Assisted in reduction of cost and optimization of supplier selection for the CRM Applications.
* Used several python libraries like Python, Numpy and Matplotlib.
* Have good knowledge in understanding of Object-Oriented Programming and skilled in developing automated test scripts with automation frameworks.
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, Bootstrap and JavaScript.
* Extracted, transformed and loaded data from various heterogeneous data sources and destinations like Access, Excel, CSV, Oracle, flat files using connectors, tasks and transformations provided by SSIS.
* Developed entire frontend and backend modules using Python on Django Web Framework.
* Wrote python scripts to parse XML documents and load the data in database.
* Designed and developed data management system using MySQL.
* Built various graphs for business decision-making using Python matplotlib library.
* Created Python and Bash tools to increase efficiency of call center application system and operations, data conversion scripts, AMQP/RabbitMQ, REST, JSON and CRUD scripts for API Integration.
* Experience in embedded C, C++, Data structures and proprietary RTOS.
* Involved in cross-functional development in embedded systems for further production and customer support.
* Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.
* Resolved ongoing problems and accurately documented progress of a project.

**Environment**: Python 2.7, Django 1.4, Pandas, HIVE, PIG, Bugzilla, SVN, C++, Java, JQuery, MySQL, Linux, Eclipse, Puppet, Shell Scripting, HTML5/CSS. Red hat Linux, Apache, MongoDB, ETL

**Python Developer**

**SEI Investments, Oaks, PA Jan 2013 to Dec 2014**

**Responsibilities**:

* Used Python scripts to update content in the database and manipulate files.
* Generated Python Django Forms to record data of online users.
* Used Python and Django creating graphics, XML processing, data exchange and business logic implementation.
* Used Python with jinja templating for full-stack web development.
* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, jQuery, JSON and JavaScript.
* Used Bootstrap as a mechanism to manage and organize the html page layout.
* Used Django configuration to manage URLs and application parameters.
* Wrote and executed various MYSQL database queries from Python using Python-MySQL connector and MySQL db package.
* Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format.
* Developed entire front-end and backend modules using Python on Django Web Framework.
* Designed and developed data management system using MySQL.
* Rewrote existing Python/Django module to deliver certain format of data.
* Wrote python scripts to parse XML documents and load the data in database.
* Responsible for debugging and troubleshooting the web application.

**Environment:** MySQL, HTML, Python 2.0, Django 1.4, CSS, XML, MySQL, JavaScript, Linux, Shell Scripting, PHP, AJAX