joni

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**Summary:**

* 7+ years of experience in Web/Application Development in analytical programming using python with skills in analysis, design, development, testing and deploying software applications.
* Good experience using various python libraries to speed up development (libraries used: Beautiful Soup, SciPy, Matplotlib, python-twitter, Pandas data frame, network, urllib2, My SQL dB for database connectivity, JSON libraries).
* Involved in Developing a Restful service using python Flask framework.
* Made Django web based apps for Insurance premium calculations.
* Developed entire frontend and back-end modules using python on Django Web Framework with GIT.
* Successfully Migrated the Django database from SQ Late to My SQL to Posture SQL with complete data integrity.
* Experience in Installing, upgrading and configuring Red Hat Linux4.x, 5.x, 6.x and 7.x using Kickstart Servers.
* Experienced in implementing Puppet, Chef. Worked on Data-Center operation and migration across UNIX and Linux platforms.
* Experience in Creation and managing user accounts, security, rights, disk space and process monitoring in Solaris and Red hat Linux.
* Experienced in implementing and maintaining an Apache Tomcat /My SQL/PHP, LDAP, LAMP web service environment.
* Experienced in migrate an On-premises VM or Azure Classic VM to Azure ARM Subscription with Azure Site Recovery.
* Hands on experience in configuring and supporting site-to-site and remote access Cisco, IPSec, VPN solutions using ASA/PIX firewalls, Cisco and VPN client.
* Experience in Multi-Tier distributed Enterprise applications.
* Extensive experience in system analysis, design, development and implementation of web based and client/server application using HTML, Angular JS, Bootstrap, underscore JS, Node JS, CSS, JavaScript, AJAX, JSP, JDBC, XML, XSLT,Python, Django, PHP.
* Working knowledge in multi-tiered distributed environment, OOAD concepts, good understanding of Software Development Lifecycle (SDLC).
* Developed Java/J2ee applications using Hibernate, XML, Android, XSLT, and Basic ASP.net applications including using Core Java concepts like OOPS, Multithreading, Garbage Collections, and Collection etc.
* Experience in Implementation of MVC/ MVW architecture using Servlet, Django, and RESTful, SOAP web service and SOAPUI.
* Experienced in installing, configuring, modifying, testing and deploying applications with Apache, Tomcat and Web Sphere.
* Extensively followed development methodologies such as Agile (SCRUM), Water Fall.
* Excellent Experience of Databases such as MySQL, Oracle 8g/9g/10g, Microsoft SQL Server, PostgreSQL, SQL/PLSQL concepts.
* Good Knowledge of using IDE Tools like Eclipse, NetBeans, Android Studio, Visual Studio, IDLE.
* Experience on Ruby Reg-Ex for pattern and Text matching.
* Good command on full life cycle application development.
* Designed and developed video and blogging website on PHP using Word Press on wamp server using MySQL database.
* Experience with continuous integration and automation using Jenkins.
* Developed ColdFusion Components, custom tags and modified CF Objects.
* Experience with Unit testing/ Test driven Development (TDD), Load Testing in JIRA, JENKIN.
* Wrote AJAX framework to transform Datasets and Data tables into HTTP-serializable JSON strings.

**Sr. Python Developer**

**CVS Health**

**Richardson, TX**

**April 2016 to Present   
Responsibilities:**

* Designed and developed MySQL Stored Procedures and Shell Scripts for Data Import/Export and Conversions.
* Build all database mapping classes using Django models.
* Developed applications especially in Linux environment and familiar with all of its commands.
* Worked on data exchange from website using XML and Web Services.
* Worked on writing and as well as reading data from CVS and Excel file formats.
* Created a Web Service using Flask Framework.
* Used Redis as messaging broker to execute asynchronous tasks.
* Worked on web based next generation CRM System development, which is in MVC architecture and cloud native principles.
* Worked with Level two support team, DBAs and infrastructure team to improve the efficiency and capacity of our system.
* Utilized PyUnit, the Python unit test framework, for all Python applications.
* Developed and Maintained Cloud formation scripts, also automated the provision of AWS resources, which include EC2, S3, RDS.
* Worked on infrastructure with Docker containerization.
* Used Docker to implement a high-level API to provide lightweight containers that run processes isolation and worked on creation of customized Docker container images, tagged and pushed the images to the Docker repository.
* Implemented a continuous Delivery Pipeline with Jenkins and GitHub to build a new Docker container automatically.
* Work with Docker for convenient environment setup the test environments.
* Used Kubernetes to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts and managed containerized applications using its nodes, config maps, selectors and services Developed various algorithms for generating several data patterns.
* Wrote Python modules to extract/load asset data from the MySQL source database.
* Used Django framework for application development.
* Created entire application using Python, Django, MySQL, and Linux.
* Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs.

**Senior Python Developer**

**Walmart**

**Sunnyvale, CA**

**January 2015 to March 2016**

**Responsibilities:**

* Developed views and templates with python3.6.1 and Django's view controller and templating language to create a user-friendly website interface.
* Used Amazon Web Services (AWS) for improved efficiency of storage and fast access.
* Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.
* Participated in the complete SDLC process and used PHP to develop website functionality.
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, BIG DATA and JavaScript.
* Developed entire frontend and backend modules using pythonon Django Web Framework.
* Designed and developed Use-Case, Class and Object Diagrams using UML Rational Rose for Object Oriented Analysis/Object Oriented Design techniques.
* Designed and developed data management system using MySQL. Built application logic using python.
* Used Django APIs for database access.
* Provided GUI utilizing PyQt for the end user to create, modify and view reports based on client data.
* Angular.js is used to build efficient backend for client web application.
* Used pythonto extract information from XML files.

Expertise in Service Oriented Architecture (SOA) and its related technologies like Web Services, BPEL, WSDLs, SOAP, XML, XSD, XSLT etc.

Participated in requirement gathering and worked closely with the architect in designing and modeling.

Worked on development of SQL and stored procedures on MYSQL.

Developed shopping cart for Library and integrated web services to access the payment (E-commerce).

Designed and developed a horizontally scalable APIs using pythonFlask.

Designed Cassandra schema for the APIs.

Implemented monitoring and established best practices around using elastic search.

Effectively communicated with the external vendors to resolve queries.

Used GIT for the version control.

**Senior Python Developer**

**Harvard University**

**Cambridge, MA**

**September 2013 to December 2014**

**Responsibilities:**

* Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content.
* Worked extensively with Bootstrap, Java script, and query to optimize the user experience.
* Handled all the client side validation using JavaScript.
* Created a custom CMS built using Django, AWS (Amazon web service), REST, Json with JavaScript, JQuery, AJAX components, worked closely with designer. Converted Photoshop images into XHTML/CSS.
* Rewrite existingPython/Django modules to deliver certain format of data Used Django Database API's to access database objects.
* Wrote pythonscripts to parse XML documents and load the data in database.
* Designed and developed data management system using MySQL.
* Used AWstat and Google Analytics to analyze web traffic.
* Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.
* Created scripts for system administration and AWS using languages such as BASH and Python.
* Design, develop, test, deploy and maintain the website.
* Used Selenium Library to write fully functioning test automation process that allowed the simulation of submitting different we requests from multiple browser to web application.
* Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format.
* Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
* Participated in the complete SDLC process.
* Responsible for debugging the project monitored on JIRA (Agile).
* Used JQuery for all client side Java script manipulation.
* Scalable, database-driven web application development using a variety of frameworks: ASP.NET on C#, Flask on Python, and PHP.
* Created unit test/regression test framework for working/new code.
* Implemented multiple high performance MongoDB replica sets on EC2 with robust reliability.
* Developed entire frontend and backend modules usingPythonon Django Web Framework.
* Responsible for debugging and troubleshooting the web application.

**Python Developer**

**AT&T**

**Bothell, WA**

**july 2011 to August 2013**

**Responsibilities:-**

* Worked with Python, MySQL, CSS, HTML, JavaScript, Angular JS, Node JS, AJAX and XHTML to build a fully Web 2.0 compliant social networking website around online HD streaming video.
* Developed scalable applications using Django framework.
* Performed documentation and user training.
* Built key modules including photo gallery, blogging system, forums, profiles, articles, newsletters and email.
* Integrated third party software such as ImageMagic, TinyMceAJAX.
* Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
* Build all database mapping classes using Django models and Cassandra.
* Used several python libraries like wxPython, numPY and matPlotLib.
* Used the Model View controller (MVC) framework to build modular and maintainable applications.

Developed multi-page applications from beginning to end.

Performed Flow Control, response to Front-End Request using Python /MySQL/AJAX.

Conceived and created tables using MySQL.

* Created tables, stored procedures, triggers and views for data access and manipulation.
* Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
* Designed and developed the UI of the website using HTML, XHTML, CSS, JavaScript, Angular JS, andAJAX.
* Developed entire frontend and backend modules using Python on Django Web Framework.
* Created backend database T-SQL stored procedures and Jasper Reports.
* 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.
* Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.
* Deployed with Fabric on AWS on EC2 instance with Postgres RDS and S3 file storage.
* Wrote HTMLfront-end pages using Django templates.
* Experienced in Agile Methodologies and SCRUM Process.
* Deployed the project into Heroku using GIT version control system.
* 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.
* Also used Bootstrap as a mechanism to manage and organize the html page layout.Developed, tested and debugged software tools utilized by clients and internal customers.
* Coded test programs and evaluated existing engineering processes.
* Designed and configured database and back end applications and programs.
* Performed research to explore and identify new technological platforms.
* Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.
* Resolved ongoing problems and accurately documented progress of a project.
* Developed applications especially in UNIX environment and familiar with all of its commands.
* 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.
* Implement code in Python to retrieve and manipulate data.

**Python Developer**

**Verizon Data Services**

**Tampa, FL**

**November 2009 to April 2011**

**Responsibilities:**

* Work with team of developers on python applications for RISK management.
* Design, develop, test, deploy and maintain the website.
* Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.
* Designed and developed data management system using MySQL.
* Rewrite existing Python/Django modules to deliver certain format of data.
* Used Django Database API's to access database objects.
* Wrote python scripts to parse XML documents and load the data in database.
* Handled all the client side validation using JavaScript.
* Expertise in writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers, and User Defined function.
* I have also used Selenium Library to write fully functioning test automation process that allowed the simulation of submitting different we request from multiple browser to web application.
* Used JQuery for all client side Java script manipulation.
* Created unit test/regression test framework for working/new code Using Subversion control tool to coordinate team-development.
* Developed entire frontend and backend modules using Python on Django Web Framework.
* Responsible for debugging and troubleshooting the web application.
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.