

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Dell Computer Corporation St. Louis, MO Authorized to work in the US for any employer Work Experience Sr. Python Developer Dell Computer Corporation - Boston, MA January 2016 to Present Responsibilities:

- \* Participated in requirement gathering and worked closely with the architect in designing and modeling.
- \* Developed entire frontend and backend modules using Python on Django Web Framework.
- \* Developed tools using Python, Shell scripting, XML, BIG DATA to automate some of the menial tasks.
- \* Used PyQt for the functionality filtering of columns helping customers to effectively view their transactions and statements. Implemented navigation rules for the application and page.
- \* Performed testing using Django's Test Module.
- \* Used Django configuration to manage URLs and application parameters.
- \* Involved in Web development, programming, and engineering Django, UWSGI and SQL internal admin tools behave BDD.
- \* Used Python and Django to interface with the JQuery UI and manage the storage and deletion of content.
- \* Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash.
- \* Designed and managed API system deployment using fast http server and Amazon AWS architecture
- \* Creation of Python scripts for data access and analysis (Scripts, DataFeeds, XLS, FIXML) to aid in process and system monitoring, and reporting.
- \* Rewrite existing Java application in Python module to deliver certain format of data.
- \* Wrote Python scripts to parse XML documents and load the data in database.
- \* Generated property list for every application dynamically using Python.
- \* Also used Bootstrap and Angular.js as a mechanism to manage and organize the HTML page layout.
- \* Responsible for search engine optimization to improve the visibility of the website.
- \* Designed and developed the UI of the website using HTML5, XHTML, AJAX, CSS3, BIG DATA and JavaScript.
- \* Handled all the client side validation using JavaScript.
- \* Designed and developed data management system using MySQL.
- \* Created a Git repository and added the project to GitHub.
- \* Build development environment with JIRA.
- \* Creating unit test/regression test framework for working/new code.
- \* Using Subversion version control tool to coordinate team-development.
- \* Responsible for debugging and troubleshooting the web application.

Environment: Python, Django, Java, Angular.js, Bootstrap, AWS, Bash, PyQt, XML,

Shell Scripting, MySQL, HTML, XHTML, CSS, AJAX, JavaScript, Jenkins, Apache Web Server, Linux Sr. Python Developer Liberty Mutual Insurance - Cincinnati, OH December 2014 to January 2016 Responsibilities:

- \* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
- \* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
- \* Developed Business Logic using Python on Django Web Framework.
- \* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
- \* Used Django Database API's to access database objects.
- \* Used JQuery and Ajax calls for transmitting JSON data objects between frontend and controllers.
- \* Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution.
- \* Used Python based GUI components for the front end functionality such as selection criteria,
- \* Created test harness to enable comprehensive testing utilizing Python.
- \* 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.
- \* Involved in front end and utilized Bootstrap and Angular.js for page design.
- \* Created Data tables utilizing PyQt to display customer and policy information and add, delete, update customer records
- \* Used PyQuery for selecting particular DOM elements when parsing HTML.
- \* Used Wireshark, live http headers, and Fiddler debugging proxy to debug the Flash object and help the developer create a functional component.
- \* Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
- \* Having very good experience with BIG DATA
- \* Created Business Logic using Python to create Planning and Tracking functions
- \* Created UI Screens for initiation and validation.
- \* Worked on UI using HTML5, CSS3 and Java Scripts.
- \* Developed multi-threaded standalone app in Python and PHP to view performance.
- \* Used Pandas library for statistical Analysis.
- \* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.
- \* Working in team of Architects and Developers to build and deploy Python Flask Peewee Linux AWS.
- \* Version control using GITHUB.
- \* Involved in writing stored procedures using MySQL.

\* Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met. Environment: Python, Django, Shell Scripting, AWS, Pandas, PyQt, PyQuery, Wireshark, Flash, DOM, JSON, PHP, HTML5, CSS3, AJAX, JavaScript, Angular.js, Bootstrap, Apache Web Server, MYSQL, GitHub, LINUX. Python Developer GE Energy - Seattle, WA November 2012 to December 2014 Responsibilities:

- \* Worked with team of developers on Python applications for RISK management.
- \* Made Django web based apps for Insurance premium calculations.
- \* Designed the architecture of the hardware environments and methodology of the code
- \* Done Job scheduling, batch-job scheduling and process control, forking and cloning of jobs and checking the status of the jobs using shell scripting.
- \* Used Python OS module on UNIX environment, made job cloning and forking.
- \* Responsible for search engine optimization to improve the visibility of the website.
- \* Handled all the client side validation using JavaScript.
- \* Involved in writing application level code to interact with APIs, Web Services using JSON.
- \* Used Unit Test Python library for testing many Python programs and block of codes.
- \* Used HTML, CSS, JQuery, JSON and Javascript for front end applications.
- \* Involved in testing RESTFull API like Twilio, Facebook and Twitter.
- \* Designed and developed data management system using MySQL.

Involved in Agile Methodologies and SCRUM Process.

- \* Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
- \* Participated in the complete SDLC process.
- \* Implementing and extending functionality of Cisco Cloud Services and Open stack Horizon using Python, Django, Django REST framework, JavaScript, HTML, JQuery, CSS, and Angular.JS.
- \* Create and enhanced existing automated solutions.
- \* Parse JSON and XML data using Python.
- \* Responsible for debugging and troubleshooting the web application.
- \* Implementation under Red Hat, CentOS7, Ubuntu, and Windows 7, both locally and on Cisco Cloud.
- \* Team working and version control using Gerrit.

Environment: Python, Django, XML, Java, Apache, CSS, MySQL, JSON, DHTML, HTML, JavaScript, Shell Scripts, Gerrit, bugging, agile, Restfull, UNIX and Windows Python Developer Mercedes Benz Credit Corporation - Seattle, WA October 2010 to November 2012 Responsibilities:

- \* Participated in the complete SDLC process and used PHP to develop website functionality.
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Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, BIG DATA and JavaScript. \* Developed entire frontend and backend modules using Python on 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 Python to 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 Python Flask. \* 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. Environment: Python, JavaScript, Django Framework, CSS, SQL, MySQL, LAMP, JQuery, Adobe Dreamweaver, Apache web server.

Software Developer Innovative Solutions - Reston, VA September 2008 to October 2010

Responsibilities: \* Designed and developed Use-Case Diagrams, Class Diagrams, Object Diagrams using UML Rational Rose for OOA/OOD techniques. \* Programmed the components using C/C++. \* Software release to internal clients by compiling the code into C/C++ libraries and implementing the APIs. \* Created UI using HTML CSS and Javascript. \* Created Servlets and Beans to implement Business Logic. \* Used SAX/DOM Parser for parsing the data to Oracle Database. \* Implemented the presentation layer with HTML, DHTML, AJAX, CSS and JavaScript. \* Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for Oracle Database. \* Designed and created backend data access modules using PL/SQL stored procedures and Oracle. \* Developed and executed User Acceptance Testing portion

of test plan. \* Debugging Software for Bugs. \* Participated in the complete SDLC process. \* Developed rich user interface using CSS, HTML, JavaScript and JQuery. \* Used Django framework for application development. \* Created entire application using Python, MySQL and Linux \* Enhanced existing automated solutions, such as the Editorial Tool for automated request reporting and the Who's Who site, by adding new features and fixing bugs. \* Created database using MySQL, wrote several queries to extract/store data. \* Used Perforce for the version control.

Environment: C, C++, HTML, CSS, Shell Scripting, PL/SQL, JDBC, PVCS, Oracle, Linux and Windows, Python, Django, MySQL, Windows, Linux, HTML, CSS, JQuery, JavaScript, Apache, Linux, Perforce Program Analyst Bitra Net Pvt. Ltd - Denver, CO August 2005 to September 2008

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 requests 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.

Environment: Python, Django, MySQL, Linux, HTML, XHTML, SVN, CSS, AJAX, Bugzilla, JavaScript, Apache Web Server, Django

Additional Information Education Master of Computer Science in Computer Science Columbia University Skills APACHE (10+ years), DJANGO (10+ years), HTML (10+ years), JAVASCRIPT (10+ years), MYSQL

(10+ years) Additional Information Technical Skills: Languages Python C++, Java, Shell Script, Perl, SQL, BIG DATA Python Framework Django Databases MySQL , SQL Server 2008, Oracle 10g Web Technologies AJAX, JavaScript, HTML, DHTML, XHTML, XML Versioning Tools Subversion, GIT, Perforce, SVN, CVS Web servers Apache, IIS Operating systems Linux/Unix, Windows

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