

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Liberty Mutual Insurance Cincinnati, OH Authorized to work in the US for any employer Work Experience Sr. Python Developer Liberty Mutual Insurance - Cincinnati, OH August 2016 to Present 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. Sr. Python Developer Dell Computer Corporation - Boston, MA July 2014 to August 2016 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 Program Analyst Bitra Net Pvt. Ltd - Herndon, VA June 2012 to July 2014 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 Python Developer GE Energy May 2010 to June 2012 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 Software Developer

Innovative Solutions - San Francisco, CA April 2008 to May 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. Python Developer Mercedes Benz Credit Corporation - Seattle, WA March 2006 to April 2008 Responsibilities: ? 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 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. Education Bachelor's 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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