

Senior Python Developer Senior Python Developer Sponsorship required to work in the US Work Experience Senior Python Developer Walmart - Bentonville, AR December 2016 to Present

Responsibilities: Used Django Database API's to access database objects. Used Query 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 fast 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. 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. Responsible for creating company's internal platform called DCAE by using python to develop and test the components. Worked with various Python libraries such as Six, Click, Pandas and Matplotlib for analysis and manipulation of data. Used Click package to create the command line interface. Designed Docker proof-of-concept using Hashicorp's Nomad and Consul. Used Consul for Service Discovery and to create Key-Value pair.

Wrote Python scripts to parse JSON files and load the data into the Consul. Used Python IDE Pycharm for developing the code and performing unit test. Involved in development using Python, bug fixing. Developed web-based applications using Python, Django, XML, CSS, HTML, DHTML.

Developed entire frontend and backend modules using Python on Django Web Framework. Used AWS for application deployment and configuration. Responsible for Design and maintenance of databases using Python. Developed Python based APIs by using Flask, SQL Alchemy and PostgreSQL. Worked on HTML5, CSS3, JavaScript, AngularJS, Node.JS, Git, REST API, IntelliJ

IDEA. Development of real-time multi-tasking systems using Python. Created data access modules in python. Designed, developed, implemented, and maintained solutions for using Git and GitHub for microservice and continuous deployment. Involved in Developing a Restful API'S

service using Python Flask framework. Environment: Python3.x, Django, Shell Scripting, AWS, Pandas, PyQt, PyQuery, Wire shark, Flash, DOM, JSON, PHP, HTML5, CSS3, AJAX, JavaScript, Angular.js, Bootstrap, Apache Web Server, MYSQL, GitHub, LINUX. Python Developer Citi Bank - Manhattan, NY February 2015 to September 2016 Responsibilities:

Developed Python Django forms to record data and the Login module page for users. Designed email marketing campaigns and created interactive forms that saved data into database using Django Framework. Worked in Test driven development with Behave in Python. Creating Behave scripts using Gherkin syntax.

Used collections in Python for manipulating and looping through different your defined objects.

Wrote Python routines to log into the websites and fetch data for selected options. Performed efficient delivery of code based on principles of Test Driven Development(TDD) and continuous integration to keep in line with Agile Software Methodology principles Implemented a login module for user, registration of the products, placing the order and tracking the order. Improving the

performance while processing data by modifying functions, queries, cursors, triggers and stored procedures for MySQL database. Worked on Unit testing, Integration testing and Web application testing. Code review using GitHub, testing, fixing of the bugs and coding modifications. Performed research to explore and identify new technological platforms. Developed API modularizing existing python module with the help of pyYAML libraries. Improved performance by using more modularized approach and using more in built methods. Collaborated with internal teams to convert end user feedback into meaningful and improved solutions. Performed data manipulation/storage for incoming test data using lxml /etree libraries. Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page. Wrote unit test cases for testing tools. Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs. 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 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 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. Environment: Python 2.7, Django 1.4, Behave, Puppet Rspec, Jenkins, Grafana/Graphite, MySQL, Linux, HTML, CSS, Bootstrap, JQuery, JavaScript, Apache, Linux, Git, Perl, Cassandra, Azure Automation cloud services. Python Developer REST, Jsn November 2012 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, Jsn 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 using Python on Django Web Framework. Responsible for debugging and troubleshooting the web application. Worked on developing a website for a power company. Used to get energy consumption from various customers to store it into a database. Load the data from database to display on customer accounts. Wrote various python modules to perform back-end operations on the data. Developed graphical interface for users to display in their accounts. Used Python's pandas and matplotlib libraries to conduct data exploration and visualization of electricity consumption data. Created Python scripts for analyzing large quantities of data. Maintained detailed databases of energy storage projects and country-specific energy policies. Generated Python Django Forms to record data, login, and signup of users. Built various graphs for business decision making using Python matplotlib library. Utilized standard Python modules such as csv, itertools and pickle for development. Worked on Python OpenStack APIs and used Numpy for Numerical analysis. Responsible for search engine optimization to improve the visibility of the website. Performed different testing methods like Unit testing, Integration testing, web application testing. Developed efficient Angular.js for client web based application.

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