

Python Developer Python Developer Python Developer - NEC Dayton, NJ Sponsorship required to work in the US Work Experience Python Developer NEC - Dallas, TX February 2016 to Present

Responsibilities: Involved in the Design, development, test, deploy and maintenance of the website Translated the customer requirements into design specifications and ensured that the requirements translate into software solution Used Python based GUI components for the front-end functionality such as selection criteria Developed GUI using webapp2 for dynamically displaying the test block documentation and other features of python code using a web browser Responsible for user validations on client side as well as server side Wrote python scripts to parse XML documents and load the data in database Used JQuery libraries for all client side JavaScript manipulations Exposure on Multi-Threading factory to distribute learning process back-testing and the into various worker processes Added the navigations and paginations and filtering columns and adding and removing the desired columns for view Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format Wrote Python scripts to parse XML documents and load the data in database Responsible for debugging the project monitored on JIRA (Agile) Designed and created backend data access modules using PL/SQL stored procedures and Oracle Developed tools using Python, Shell scripting, XML to automate some of the menial tasks Responsible for debugging and troubleshooting the web application Developed and executed User Acceptance Testing portion of test plan Developed, tested and debugged software tools utilized by clients and internal customers Held overall responsibility of coordination of implementations of software builds and releases Provided analytics to help determine optimal way to assemble releases Facilitated release planning meetings to construct efficient releases that reflect demand and capacity Environment: Python, XML, MySQL, Shell Scripting, Python Scripts, JIRA, Oracle, SOAP, JQuery, UAT, HTML, CSS, JavaScript Python Developer Fujitsu Computer Systems (FCS) - Fairfield, NJ July 2014 to January 2016 Responsibilities: Used UML Rational Rose to develop Use-case, Class and Object diagrams for OOA/OOD techniques 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 Angularjs 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 Responsible for managing large databases using MySQL Wrote and executed various MySQL database queries from Python-MySQL connector and MySQL db package Used the Python's modules numpy, matplotlib, etc for generating complex graphical data, creation of histograms etc 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 2.7,3.3, Django 1.4, HTML, CSS, AJAX, Tomcat, Apache HTTP, Angularjs, JSON, Restful, XML, JavaScript, OOD, Shell Scripting, GIT Hub, MYSQL, Cassandra, JIRA Python Developer Social interest solutions - Sacramento, CA January 2013 to June 2014 Responsibilities: Involved in understanding and analyzing the clients business, requirements for the system Developed dynamic web pages using Python, Django Frameworks Developed monitoring and notification tools using Python Created UI using JavaScript and HTML5/CSS3 Improved the application by designing and developing it using HTML and JavaScript Involved in the development of front end of the application using Python 2.7, HTML5, CSS3, AJAX, JSON and JQuery Worked on backend of

the application, mainly using Active Records Developed and tested many features for dashboard using Python, CSS, JavaScript and JQuery Rewrite existing Java, C++ application in Python

Developed various helper classes using Java multi-threaded programming and Collection classes

Used data structures like directories, tuples, object oriented (OO) class based inheritance features for making complex algorithms of networks Involved in building database Model, APIs and Views utilizing python, in order to build an interactive web based solution Generated Python Django Forms to record data of online users Developed MVC prototype replacement of current product with Django Significantly improved report generation efficiency by caching, reusing and improve the security level of Data Created PHP/MySQL back-end for data entry from Flash I had to assist the Flash developer send the correct data via query strings Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from python using Python-MySQL connector and MySQL DB package to retrieve information Created Data tables utilizing PyQt to display patient and policy information and add, delete, update patient records Responsibilities for creation of Database, Business Logic to display the records dynamically on template based on query, providing user permission to access particular features of the site Generated Python Django forms to record data of online users and used PyTest for writing test cases Used Test driven approach for developing the application and Implemented the unit tests using Python Unit Test framework

Deployed the project into Heroku using GIT version control system Resolved ongoing problems and accurately documented progress of a project Designed and configured database and back end applications and programs Update, maintain and change the current web applications as per the project requirement Involved in capturing the requirements for serial functional interface and other software requirements specification document Skilled in using collections in Python for manipulating and looping through different user defined objects Environment: Python 27, Django 16, HTML5, CSS/CSS3, XML, JSON, JavaScript, JQuery, Restful Web services, Apache Tomcat, Linux, Git, MySQL, T-SQL, Eclipse Python developer Key bank - Cleveland, OH October 2011 to December 2012 Responsibilities: Used Django framework for application development Created entire application using Python, Django, MySQL and Linux Involved in working with Python open

stock API's Developed applications especially in UNIX environment and familiar with all of its commands Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format Worked with UNIX like OS on regular basis Improved code reuse and performance by making effective use of various design patterns Creating unit test/regression test framework for working with new code Build SQL queries implementing functions, packages, views, triggers, and tables Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support Maintaining the scripts using the SVN version Control Maintaining customer database using MS EXCEL Proactively worked with managers and development staff to meet project goals within expected timelines Environments: Python, Django, JSON, AJAX, JQuery, SQL, MySQL, JavaScript, UNIX, Agile, GIT, SVN, SOAP, Eclipse Python Developer INDIAMAX - Hyderabad, Telangana June 2009 to August 2011 Responsibilities Used Agile Methodology and SCRUM Process Worked with the Stakeholders, gathered requirements developed High level design Detail design documents Developed UI using HTML, AJAX, Javascript and JQuery and JQueryUI Re-engineered various modules for implementing changes and creating efficient system Developed rich UI web application using javascript libraries like JQueryUI, datagrid, jscolor, highcharts Designed and developed components using Python with Django framework Implemented code in python to retrieve and manipulate data Implemented database access using Django ORM Used Mysql as backend database and Mysqldb of python as database connector to interact with Mysql server Used Restful APIs to access data from different suppliers Support the scripts configuration, testing, execution, deployment and run monitoring and metering Used Python and Django creating graphics, XML processing of documents, data exchange and business logic implementation between servers Used Restful API's to gather network traffic data from Servers Supported Apache Tomcat web server on Linux Platform Developed and executed User Acceptance Testing portion of test plan Debugging Software for Bugs Environment: Python 2.4, Django, C++, HTML Restful API, Mysql, Shell Scripting, PL/SQL, Unix, Linux Skills MYSQL (8

years), PYTHON (8 years), XML (8 years), HTML (7 years), jQuery (7 years) Additional Information
Skills MYSQL (7 years), PYTHON (7 years), XML (7 years), HTML (6 years), AJAX (6 years)
TECHNICAL SKILLS: Languages Python , C, C++ , Java/J2EE, and PL/SQL, Perl, SQL Markup
Languages HTML, JSON, XML Scripting JQuery, Java Script, AJAX, Shell scripting Frameworks
Django, Flask, Angular JS Protocols TCP/IP, HTTP/HTTPS, SOAP Build Tools Ant and Maven
Programming Methodologies Waterfall and Agile Operating Systems Windows, Unix, Linux
(CentOS and Ubuntu) Databases Oracle, MySQL, Apache Cassandra, MongoDB Servers Tomcat,
HTTP Server, WebLogic, Jboss Bug Reporting Tools JIRA and Bugzilla MS Office Tools MS Word,
MS PowerPoint, MS Excel

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