

Python Developer Python Developer Python Developer - Cox Automotive New York, NY Looking for a Python opportunity in the IT industry that will leverage my Technical Skills (Python Expertise) to support organizations in successfully leading their strategic initiatives. 8 years of IT experience in Analysis, Design, Development, Implementation and Testing of various stand-alone and client-server architecture based enterprise application software in Python on various domains. Experience in implementation of Python web frameworks like Django, Flask, Pylons, Web2py and Python Servlet Engine (PSE). Experienced in working with various Python Integrated Development Environments like IDLE, PyCharm and Sublime Text. Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript. Also, used Bootstrap as a mechanism to manage and organize the html page layout. Used Machine learning techniques like unsupervised Classification, optimization and prediction. Experience in developing applications using Amazon web services like EC2, Cloud Search, Elastic Load balancer ELB, S3, Cloud Front. Experience in Object Oriented Design and Programming concepts in Python and java. Excellent experience in developing web applications implementing MVT/MVC architecture using Django, Flask, web2py web application frameworks. Experience in GIT, Jenkins, Continuous Development (CD)/Continuous Integration (CI), General understanding of networking concepts. Experience in working on various python packages such as Numpy, SQLAlchemy, matplotlib, Beautiful soup, pickle, Pyside, Scipy, and PyTables. Expertise in establishing database connections for Java and Python by configuring packages like JDBC, MySQL- Python. Extensive experience working in SaaS, IaaS, PaaS. Proficient in SQL databases MS SQL, Oracle and no-SQL databases MongoDB, Cassandra. Experience on JSON based REST Web services and Amazon Web Services (AWS). Good understanding of protocols/technologies like HTTP, LDAP, JDBC, SSL, Servlet/JSP, SQL, HTML, XML. Experienced in using various Hadoop infrastructures such as Map Reduce, Hive, Sqoop, and Oozier. Experience with Virtual Machine/Development Environment tools such as Vagrant. Worked with various C and C++ tasks, integrated with them using Python. Knowledge in R language, Hadoop, big data analytics, ML packages and data mining. Excellent experience with Python development under Linux OS and Mac OS. Versatile with Version control

systems including GIT, SVC, and CVS. Authorized to work in the US for any employer Work Experience Python Developer Cox Automotive - New York, NY August 2017 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. Responsible for setting up Python REST API framework using Django. Developed views and templates with Python and Django view controller and templating language to create a user-friendly website interface. Developed web applications in Django Framework model view control (MVC) architecture. Used Python to write data into JSON files for testing Django Websites. Created scripts for data modelling and data import and export. Thorough knowledge in various front end tools like HTML, CSS, JavaScript, XML, JQuery, Angularjs, and AJAX. Managed large datasets using Panda data frames and MySQL. Used object-relational mapper (ORM) to automate the transfer of data stored in relational databases tables into objects. 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. Developed multi-threaded standalone app in Python and PHP to view performance. Performed data extraction and manipulation over large relational datasets using SQL, Python, and other analytical tools. Used Python libraries and SQL queries/sub queries to create several datasets which produced statistics, tables, figures, charts and graphs. 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. Created Business Logic using Python to create Planning and Tracking functions. Environment: Python 3.x, Django, Go language, Shell Scripting, AWS, Pandas, PyQt, PyQuery, Flash, DOM, JSON, PHP, HTML5, CSS3, AJAX, JavaScript, Bootstrap, Apache Web Server, MYSQL, GitHub, LINUX. Python Developer HCSC - St. Louis, MO December 2014 to August 2017 Responsibilities: Participate in requirement gathering and analysis phase of the project in documenting the business requirements by conducting workshops/meetings with various business users. Used Python and Django to

interface with the jQuery UI and manage the storage and deletion of content. Developed views and templates with Python and Django view controller and templating language to create a user-friendly interface using MVC architecture. Worked with team of developers on Python applications for RISK management. Developed Spark scripts by using Scala IDE's as per the business requirement. Worked on Python Open stack API's used Python scripts to update content in the database and manipulate files. Implemented machine learning schemes using Python libraries scikit-learn and SciPy. Developed Python and Pyspark programs for data analysis on MapR, Cloudera, Hortonworks Hadoop clusters. Worked on several python packages like Matplotlib, cx_Freeze, Pillow, Numpy, sockets. Apache Spark Data Frames/RDD's were used to apply business transformations and utilized Hive Context objects to perform read/write operations. Worked on some of the new features of Angular 4 like new if else syntax, ng-templates, form validators. Working with Ruby gems such as ruby-pg for Oracle- PostGRE-SQL. Used Pandas API to put the data as time series and tabular form for easy timestamp data manipulation and retrieval to handle time series data and do data manipulation Automating Email Process, Downloading and uploading the files through Perl Scripting. Worked on front end frameworks like CSS, Bootstrap for development of Web application. Wrote and executed various MySQL database queries from Python using Python-MySQL connector and MySQL db package Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. Environment: Python 3.4/2.7, .NET, PyQuery, Angular, Node JS, MVW, HTML5, Shell Scripting, JSON, Apache Web Server, SQL, UNIX, Windows, and Python libraries. Python developer Abbvie - Minneapolis, MN May 2011 to December 2014 Responsibilities:

Providing daily reports to the development team and the manager, participate in both the design and development phase. Developed and tested many features in an agile environment using Python, Django, HTML5, CSS, JavaScript, and Bootstrap. Implemented Angular JS controllers to maintain each view data. Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON, XML, Angular JS and Node JS. Rewrite existing Python/Django

modules to deliver certain format of data. Working in team of developers to build and deploy Flask, Linux, and AWS. Involved in maintaining and editing Python scripts for application deployment automation. Working on various Integrated Development Environments like PyCharm, Anaconda Spyder. Created, activated and programmed in Anaconda environment. Wrote programs for performance calculations using NumPy. Implemented responsive user interface and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript, and JQuery. Developed views and templates with Python and Django have to create a user-friendly website interface. Utilized Python libraries like wxPython, NumPy, SciPy, Web2py. Designed Restful Web services using FLASK, with emphasis on improved Security for the service using FLASK-HTTP Auth with HTTPS. Wrote and executed various MySQL database queries from python using Python-MySQL connector and MySQL DB package. Creating Restful web services for Catalog and Pricing with Django MVT, MySQL, and MongoDB. Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash. Implemented Multithreading module and complex networking operations like race route, SMTP mail server and web server Using Python. Written test cases using PyUnit and Selenium Automation testing for better manipulation of test scripts. Wrote Python scripts to parse XML documents and load the data in database. Analyze the data using the Daily reports and work based on the requirement and targets, which discussed in the stand-up meetings. Environment: Python 3.4/2.7, Django, CherryPy, HTML5, CSS, Bootstrap, JSON, JavaScript, AJAX, Restful web service, MySQL, SQLite, Cassandra, AWS (EC2, S3), PyUnit, Karma, Jenkins, Selenium. Education Bachelor's

Name: Bianca Obrien

Email: nsantiago@example.net

Phone: 435.656.8753