

Python Developer Python Developer Python Developer - Capital One Columbus, OH, OH Having 6 years of experience IT Industry with proficiency in Design & Development of Python, Django. Experienced with full software development life-cycle, architecting scalable platforms, object oriented programming, database design and agile methodologies Expertise in the use of Pandas and R programming for statistical analysis Experienced in MVW frameworks like Django, Java Script, JQuery Experience in working with Python ORM Libraries including Django ORM, C++, MySQL, UNIX and Linux. Experienced in WAMP (Windows, Apache, MYSQL, and Python) and LAMP (Linux, Apache, MySQL, and Python) Architecture Experienced in developing web-based applications using Python, Django, C++, XML, HTML, JavaScript and JQuery Hands on experience in analyzing large datasets and handling database issues using Oracle Relational database 9g, 10g, 11g and also MySQL database. Have good knowledge on No-SQL databases like Cassandra, Mongo DB Well versed with design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript. Familiar with JSON based REST Web service Experienced in working with various Python Integrated Development Environments like Net Beans, PyCharm, PyScripter, Spyder, PyStudio, PyDev and Sublime Text. Designed, configured, and deployed Amazon Web Services for a multitude of applications utilizing the AWS stack (Including EC2, Route53, S3, RDS, Cloud Formation, Cloud Watch, SQS, IAM), focusing on high-availability, fault tolerance, and auto-scaling Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL. Experienced in agile and waterfall methodologies with high quality deliverables delivered on-time. Very strong full life cycle application development experience Strong knowledge on Dev Express Controls. Procedures, functions, triggers, Cursors, Indexing, importing/ exporting data from varied data sources Experience with continuous integration and automation using Jenkins Experience with Unit testing/ Test driven Development (TDD), Load Testing Proficient in Unit Test Plans (UTP), Integrated Test Plans (ITP) Extensive experience in User Acceptance Testing (UAT) Have the ability to understand complex systems and be in command of the details to provide solutions Ability to learn and adapt quickly to the emerging new technologies and paradigms Excellent communication,

interpersonal and analytical skills and a highly motivated team player with the ability to work independently      Practical experience with working on multiple environments like development, testing, production.      Excellent analytical and problem solving skills and ability to work on own besides being a valuable and contributing team player

**Work Experience**

**Python Developer Capital One - McLean, VA July 2016 to Present**

**Responsibilities:**      Participate in requirement gathering and analysis phase of the project in documenting the business requirements by conducting workshops/meetings with various business users      Worked with team of developers on Python applications for RISK management      Developed Python application for Google Analytics aggregation and reporting      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.      Tested and evaluated results for inclusion into software product.      Designed and deployed machine learning solutions in Python to classify millions of previously unclassified Twitter users into core data product      Used Pandas API to put the data as time series and tabular form for fast timestamp data manipulation and retrieval to handle time series data and do data manipulation      Used Pandas library for statistical Analysis using R Studio

Worked on front end frameworks like CSS, Bootstrap for development of Web application.

Developed views and templates with Python and Django's view controller and templating language to create a user-friendly interface using MVC architecture.      Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met      Used Machine learning techniques like unsupervised Classification, optimization and prediction.      Worked on Python open stack API's      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      Wrote and executed various MYSQL database queries from Python using Python-MYSQL connector and MySQL db package      Associated with working cloud computing platforms like open stack.      Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format      Worked on development of SQL and stored procedures on MYSQL      Engaged in Design, Development, Deployment, Testing and

Implementation. Responsible for debugging the project monitored on JIRA (Agile) Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team Environment: Python 2.7, .NET, PyQuery, MVW, HTML5, Shell Scripting, JSON, Apache Web Server, SQL, UNIX, Windows, and Python libraries. Python Developer Cigna Bloomfield CT October 2015 to June 2016

Responsibilities: Designed views and templates with Python Django's view controller and templating language to create a web interface Designed presentation part in JSP (Dynamic content) and HTML (for static pages) Used JavaScript and JSON to update a portion of a webpage. Used on Django's API's to access database objects Used AWStats and Google Analytics to analyze web traffic. Participated in the development of application architecture and blueprints to define application components, platforms, interfaces and development tools. Created Python scripts to automate AWS services which includes web servers, ELB, Cloud Front distribution, database, EC2 and database security groups, S3 bucket and application configuration. Started developing with Django and currently developing with Django 1.0. Created entire application using Python, Django, MySQL and Linux. Used Wire shark, live http headers, and Fiddler2 debugging proxy to debug the Flash object and help the developer create a functional component. Build high-performance streaming REST server in Flask. Developed user interface using HTML, CSS, AJAX and JavaScript Worked on API's deploying queries, status codes, requests to retrieve data in json format Worked on data exchange from website using xml, java and web services Worked on python scripts to parse XML documents and load the data in database Coordinated with team members to improve quality assurance and mitigate risks Wrote stored procedures in MySQL

Environment: Python 2.7, .NET, PyQuery, MVW, HTML5, Shell Scripting, JSON, Apache Web Server, SQL, UNIX, Windows, and python libraries such as Numpy, SQLAlchemy, etc. Python Developer Iridium Interactive Hyd January 2013 to July 2015 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 and JavaScript. Developed entire frontend and backend modules using Python on Django Web Framework. Designed and developed data

management system using MySQL. Built application logic using Python 2.7. Used Django APIs for database access. Used Python to extract weekly hotel availability information from XML files. Participated in requirement gathering and worked closely with the architect in designing and modelling. 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. Environment: Python 2.7, 2.5, Django 1.7, 1.5, HTML5, CSS, XML, JavaScript, Angular JS, JQuery, CSS Bootstrap, Windows, SQL Server, Eclipse, Linux. Jr. Python Developer Beckon Dickinson - Hyderabad, Telangana June 2011 to December 2012 Responsibilities: Performed design, involved in code reviews and wrote unit tests in python Worked on tuples, dictionaries, object oriented concepts based inheritance features for making algorithms Designed and developed data management system using MySQL Worked on UI using HTML, CSS and JavaScript Used Git for version control Monitored and troubleshoot web applications Performed data analysis, manipulation and reporting using pivot tables and advanced functions in MS excel Environment: Python 2.7, .NET, PyQuery, MVW, HTML5, Shell Scripting, JSON, Apache Web Server, SQL, UNIX, Windows, and python libraries.. Education Masters in Computer Science River University Bachelors in Computer Science Jagruti Engineering College - JNTU Skills CSS (6 years), HTML (6 years), JAVASCRIPT (6 years), MYSQL (6 years), PYTHON (6 years) Additional Information Technical Skills: Languages C#, Python, SQL, JAVA, shell script Databases SQL Server 2014, 2012, Oracle 9i/8.x, 10g, MYSQL, Mango DB Other Software MS Office- 2007/2003/2000, Adobe Professional, SharePoint Operating Systems Linux, Windows /98/2000/2003/XP/Vista/8, Unix Data Science Tools R Language, STASTISTICA, python Web Technologies HTML, CSS, AJAX, JavaScript, DHTML, XHTML, XML, JQuery, AngularJS

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