

Python Developer Python Developer Python Developer - BNP PARIBAS New York, NY Over 9 Years of experience in Analysis, Design, Development, Management and Implementation of various stand-alone, client-server enterprise applications in Python on various domains. Good experience in developing web applications implementing Model View Control architecture using Django web application frameworks. Experienced in working with various Python IDE's using PyCharm, PyScripter, Spyder, PyStudio and PyDev. Implemented different python libraries BeautifulSoup, numpy, scipy, pytables, matplotlib, memcache, PySide, Pandas data frame, PyQtGraph and urllib2 in various tasks. Expertise in Object-Oriented design and coding. Good experience in Python, Django, Shell Scripting, SQL Server, Unix and Linux. Knowledge of HTML, JavaScript, CSS, Ajax and JQuery. Developed web applications and Restful web services and APIs using Python, Flask, Django and PHP. Built custom UI Widgets and Application logic using OOD and MVC architecture.

Useful learning of web services with protocols SOAP, REST. Worked on changes to open stack and AWS to accommodate large-scale data center deployment. Knowledge of ORM mapping using SQLALCHEMY. Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers. Worked on SQL databases like MYSQL, NOSQL, and Oracle. Analyzed and handled large datasets using Oracle Relational database 9G, 10G. Skilled in debugging/troubleshooting issues in complex applications. Developed Build Scripts to fortify certain Applications using Ant and Maven. Have good idea about development tools like Bugzilla, Jira, Confluence, Axosoft. Have good knowledge on No-Sql databases like Cassandra, MongoDB.

Experience with Unit testing, Test driven Development(TDD), Load testing , Integration testing, User acceptance testing, Functional testing. Skilled in Requirement gathering, Use case development, Business Process flow, Business Process Modeling: extensively used UML to develop various use cases, class diagrams and sequence diagrams. Good knowledge in working with application server -Apache Tomcat, Web logic. Hands-on experience in Python scripting, Python STL, Pylons, Django, UI and web development. Used SVN and GIT for version control. Experience in Agile development techniques. Performed code reviews and implemented best Pythonic programming practices. Willing to learn and adapt to any platform. Excellent analytical

and problem solving skills and ability to work on own besides being a valuable and contributing team player. Authorized to work in the US for any employer Work Experience Python Developer BNP PARIBAS - New York, NY March 2017 to Present Responsibilities: Working on Python 3.4 and working independently. Working closely with B.A's for rapidly changing business requirements.

Developed scripts in python for Financial Data coming from SQL Developer based on the requirements specified. Worked on Files for picking, modifying based on requirement and updating in the desired location. Worked on different python libraries like xlrd, openpyxl, urllib etc.

Making the script for production by scheduling based on the requirement. Improved code reuse and performance by making effective use of various design patterns and refactoring code base.

Implemented responsive vector maps and charts on web pages using the data from postgresSQL.

Collaborate with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions. Manage, collaborate and coordinate the work of an offshore development team. Experienced in Linux shell commands and command line utilities.

Experience with advanced CSS concepts and also building table-free layouts. Worked on front end frame works like CSS Bootstrap for development of Web applications. Experienced in writing SQL Queries and implementing stored procedures, functions, packages, tables, views, Cursors, triggers. Model View Control architecture is implemented using Django Framework to develop web applications. Created Django dashboard with custom look and feel for end user after a careful study of Django admin site and dashboard.

Implemented business logic, data exchange, XML processing and created graphics using Python and Django. Worked on JIRA as bug tracking tool and experienced in Agile Methodologies and SCRUM Process. In time submission for the urgent needs of the business. Environment: Python 3.4, CSV, MySQL, MS SQL Server, Atlassian tools,

Windows 12 Server, Linux, and Windows, Django, PostgreSQL, CSS, Bootstarp, JIRA, Agile Python Developer DirecTV - El Segundo, CA December 2014 to March 2017 Responsibilities:

Responsible for getting the teams up and running with game record features. Worked on requirement gathering and High level design. Used HTML/CSS, XML and JavaScript for UI development. Converted Visual basic Application to Python, MySQL. Used python scripts to

update content in the database and manipulate files. Created Reports using JASPER. Modified queries, functions, cursors, triggers and stored procedures for MySQL database to improve performance, while processing data. Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments. Performed Unit/System test. Prepared the Test data (Input files) for interpreting the Positive/Negative/regression results based on the design requirements. Developed automated test scripts from manual test cases for Regression testing based on the requirement documents using Quick Test Professional. Skilled in using Collections in Python for manipulating and looping through different user defined objects. Wrote many programs to parse excel file and process many user data with data validations. Responsible for Parsing XML data using XML parser and Testing, fixing of the bugs and coding modifications. Created data base tables, functions, stored procedures and wrote prepared statements using PL/SQL. Used Thales theorem for applying encryption and decryption of ISO standard message in Python programming. Applied EMV card algorithms to system via python programs. Contributed patches back to Django. Performed research regarding Python Programming and its uses and efficiency. Utilized Python in the handling of all hits on Django, Redis, and other applications. Used Redis as messaging broker to execute asynchronous tasks. Developed object-oriented programming to enhance company product management. Experience in Agile Methodologies and SCRUM Process. Extensive code reviewing using GitHub pull requests, improved code quality, and also conducted meetings among peer. Collaborated with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions. Managed, collaborated and coordinated the work of an offshore development team. Environment: Python 2.7, Visual Basic, Java Script, Hive, XML, JASPER, QTP, MySQL, PL/SQL, Oracle 9i, Bugzilla Python/Django Developer Creehan & Company - Pittsburgh, PA August 2012 to December 2014 Responsibilities Translated the customer requirements into design specifications and ensured that the requirements translate into software solution. Application was based on service oriented architecture and used Python 2.5, Django 1.5, JSF 2, Spring 2, Ajax, HTML, CSS for the frontend. Designed the front

end of the application using Python, Java, HTML, CSS, AJAX, JSON and JQuery. Worked on backend of the application, mainly using Active Records. Analysed system requirements specifications and also in client interaction during requirements specifications. Worked on Analysis and Design of application. Created UI using JavaScript and HTML5/CSS. Developed and tested many features for dashboard using Python, ROBOT framework, Bootstrap, CSS, and JavaScript. Writing backend programming in Python. Used JavaScript and XML to update a portion of a webpage and Node.js for server side interaction. Implemented web applications in Flask and Spring frame works following MVC architecture. Used spring, JDBC and JPA at persistence layer (DAO) Used Robot Framework, RIDE and developed few test suites for testing application. Used Adobe CQ for helping with reusing the components and templates for creating different web pages. Develop consumer based features and applications using Python, Django, HTML, Behaviour Driven Development (BDD) and pair based programming. Performed Unit testing, Integration Testing, GUI and web application testing using Spec. Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery. Experience with advanced CSS concepts and also building table-free layouts. Worked on front end frame works like CSS Bootstrap for development of Web applications. Experienced in writing SQL Queries and implementing stored procedures, functions, packages, tables, views, Cursors, triggers. Collaborate with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions. Develop digital consumer experiences based on foundation of the Adobe CQ/AEM product suite. Manage, collaborate and coordinate the work of an offshore development team. Special skills in developing user friendly, simple yet effective web based applications. Deployed the project into Heroku using GIT version control system. Worked in MySQL database on simple queries and writing Stored Procedures for normalization and renormalization. Used many regular expressions in order to match the pattern with the existing one. Build SQL queries for performing various CRUD operations like create, update, read and delete. Skilled in using collections in Python for manipulating and looping through different user defined objects. Work with team of

developers on python applications for RISK management. Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.

Used Pandas library for statistics Analysis. Used Numpy for Numerical analysis for Insurance premium. Improved code reuse and performance by making effective use of various design patterns. Created most important Business Rules which are useful for the scope of project and needs of customers. Designed the architecture of the hardware environments and methodology of the code. Experienced in Agile Methodologies and SCRUM Process. Worked in development of applications especially in UNIX environment and familiar with all of its commands.

Environment: Python 2.7, Django 1.4, Cassandra, Windows, Linux, HTML, CSS, Node.js, JavaScript, Jira, Linux, Git, Google Analytics, CRUD, Adobe CQ/AEM. Web Developer Intuitive Surgical - Sunnyvale, CA April 2010 to August 2012 Responsibilities: Worked closely with UI designers to understand the detailed intuitive UI prototypes and components. Designed the front end of the application using CSS, AJAX, JSON and JQuery. Developed and tested many features for dashboard using Flask, CSS and JavaScript. Wrote back end programming in Flask.

Created RESTful http services to interact with UI. Used JavaScript and XML to update a portion of a webpage. Implemented user interface guidelines and standards throughout the development and maintenance of the website using HTML, JavaScript. Experience with advanced CSS concepts and also building table-free layouts. Implemented BackboneJS for creation of networking applications using JavaScript. Experience in writing SQL queries for performing various CRUD operations like create, read, update and delete. Special skills in developing user friendly, simple yet effective web based applications. Deployed the project into Heroku using GIT version control system. Worked in MySQL database on simple queries and wrote Stored procedures for normalization and renormalization. Responsible for debugging issues using Android Debugger. Used Git and Jira for code submissions and review process. Managed code versioning with GitHub and deployment to staging and production servers. Executed Display Controller regression tests with every firmware build release. Reported Issues using Excel to senior members in the team. Worked in development of applications in UNIX

environment and familiar with all of its commands. Environment: AJAX, Java Script, HTML, XHTML, JQuery, JSON, XML, CSS, MySQL, PL/SQL. Education Bachelor's

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