

Python Developer Python Developer Python Developer - Northern Trust Corporation Chicago, IL *

Senior Software Professional with 7 Years of experience in Analysis, Design, Development, Bug Fixing, Support, Management and Implementation of various stand-alone, client-server enterprise applications. *

Experience as a Web Application Developer and coding using Python, Django, Java, Spring. *

Good Experience with Django, a high-level Python Web framework. *

Experienced with full Software Development Life Cycle (SDLC), architecting scalable platforms, object oriented programming, database design and agile methodologies. *

Experience in developing web-based applications using Python 2.7/2.6, Django 1.4/1.3, PHP, Flask, Webapp2, Angular.js, VB, C++, XML, CSS, HTML, DHTML, JavaScript and JQuery. *

Experienced in LAMP (Linux, Apache, MySQL, and Python) Architecture. *

Experienced in developing web-based applications using Python, Django, Java, XML, CSS, HTML, DHTML and JavaScript. *

Well versed with design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript. *

Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors and Functions on MySQL and PostgreSQL database. *

Wrote AJAX framework to transform Datasets and Data tables into HTTP-serializable JSON strings. *

Experience with Design, code, and debug operations, reporting, data analysis and web applications utilizing Python. *

Proficient in Front end development experience using HTML, XML, CSS, JQuery, JSON, JavaScript, CSS and Bootstrap. *

Experience with Web Development, Web Services, Python and the Django framework. *

Experience in working on Application Servers like WebSphere, WebLogic, Tomcat, Web Servers like Apache Server, NGINX and Integrated Development Environments like PyCharm, Eclipse, MyEclipse, JDeveloper and RAD. *

Experience configuring and developing with different Database servers including MySQL, MSSQL, Oracle and Mongo Db. And good knowledge in WAMP and LAMP environments. *

Experience includes Database Design, Analysis and Development with MySQL, Oracle, SQL Server. *

Proficient with Apache Web Server 2.0, MySQL 5, CVS, UNIX Shell Script, CSS, XML, Firefox 3.5, IE 6 Browser Compatibility Issues, IIS and Linux. *

Hands on experience programming with C++ PYTHON, DJANGO and AJAX technologies. *

Proficient in using IBM Clear Case, Subversion (SVN), VSS, GIT for Version controlling. *

Experienced in Agile Methodologies and

SCRUM Process. * Experience with Unit testing/ Test driven Development (TDD), Load Testing. * Experience in using UNIX shell Scripts for automating batch programs. * Strong Knowledge of web application security and access control. * Excellent debugging, problem solving, optimization and testing skills. * Excellent written and oral communication skills with results-oriented attitude. And highly motivated, dedicated, quick learner and proven ability to build and manage a team and work individually. Authorized to work in the US for any employer

Work Experience

Python Developer

Northern Trust Corporation - Chicago, IL February 2018 to Present

Responsibilities:

- * Analyzed and Designed application and created UI using JavaScript and HTML5/CSS. Implemented business logic using Python/Django.
- * Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript.
- * Created backend database T-SQL stored procedures and Jasper Reports.
- * Worked with millions of database records on a daily basis, finding common errors and bad data patterns and fixing them.
- * Exported/Imported data between different data sources using SQL Server Management Studio.
- * Maintained program libraries, users' manuals and technical documentation.
- * Managed large datasets using Panda data frames and MySQL.
- * Wrote and executed various MYSQL database queries from python using Python-MYSQL connector and MySQL dB package.
- * Thorough knowledge in various front end tools like HTML, DHTML, CSS, JavaScript, XML, JQuery, Angular JS, and AJAX
- * Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits.
- * Built various graphs for business decision-making using Python Matplotlib library.
- * Fetched twitter feeds for certain important keyword using python-twitter library.
- * Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.
- * Deployed with Fabric on AWS on EC2 instance with Postgres RDS and S3 file storage.
- * 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.
- * Created most important Business Rules which are useful for the scope of project and needs of customers
- * Build SQL queries for performing various CRUD operations like create, update, read and delete.
- * Work with team of developers on python applications for RISK management.
- * Taken part in entire lifecycle of the

projects including Design, Development, and Deployment, Implementation, Testing and support. Created project designs utilizing MVC architecture components. * Used Pandas library for statistics Analysis and added support for open stock. * 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 and added unit tests and improved existing ones. * Worked in development of applications especially in UNIX environment and familiar with all of its commands. * Refactored existing project to make it more Restful and thread-safe. * Designed Restful XML web service for handling AJAX requests.

Environment: Python 2.7, Django, HTML5/CSS, SVN, UNIX, MS SQL Server 2013, T-SQL, Jasper, Reports, JavaScript, Eclipse, Linux, Shell Scripting, RESTful, MVC3 Amazon AWS S3 CLI, Amazon BotoPil. Python Developer Dun& Bradstreet - Malibu, CA April 2016 to January 2018 Responsibilities: * Responsible for gathering requirements, system analysis, design, development, testing and deployment. * Participated in the complete SDLC process and developed user interface using CSS, HTML, JavaScript and JQuery. * Wrote Python modules to extract/load asset data from the MySQL source database. * Designed and implemented a dedicated MYSQL database server to drive the webapps and report on daily progress. * Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. * Used Django framework for application development. * Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs. * Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page. * Created entire application using Python, Django, MySQL and Linux. Programming in Python as well as Perl. * Created most important Business Rules which are useful for the scope of project and needs of customers. * Improved performance by using more modularized approach and using more in built methods. * Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Wrote unit test cases for testing tools. * Performed data manipulation/storage for incoming test data using lxml /etree libraries. * Developed API modularizing existing python module with the

help of pyyaml libraries. * Created database using MySQL, wrote several queries to extract/store data. * Coded test programs and evaluated existing engineering processes. * Designed and configured database and back end applications and programs. * Performed research to explore and identify new technological platforms. * Collaborated with internal teams to convert end user feedback into meaningful and improved solutions. Environment: Python 2.7, Django 1.4, rspec-puppet, Jenkins, Grafana/Graphite, MySQL, Linux, HTML, CSS, JQuery, JavaScript, Apache, Linux, Git, Perl, Cassandra. Python Developer Morrison Healthcare - Atlanta, GA February 2014 to March 2016 Responsibilities: * Used Django framework for application development. * Developed user interface using, CSS, HTML, JavaScript and JQuery& Ruby on rails. * Assisted in reduction of cost and optimization of supplier selection for the CRM Applications. * Ensured high quality data collection and maintaining the integrity of the data. * Cleaned data and processed third party spending data into maneuverable deliverables within specific formats with Excel macros and python libraries. * Used several python libraries like wxPython, numPY and matplotlib. * Involved in environment, code installation as well as the SVN implementation. * Build all database mapping classes using Django models and cassandra. * Used Pandas API to put the data as time series and tabular format for easy timestamp data manipulation and retrieval. * Designed and developed data management system using MySQL. * Creating unit test/regression test framework for working/new code * This project also used other technologies like JQuery for java script manipulations, bootstrap for the front-end html layout. * Responsible for debugging and troubleshooting the web application. * Developed, tested and debugged software tools utilized by clients and internal customers. * Coded test programs and evaluated existing engineering processes. * Designed and configured database and back end applications and programs. * Performed research to explore and identify new technological platforms. * Collaborated with internal teams to convert end user feedback into meaningful and improved solutions. * Resolved ongoing problems and accurately documented progress of a project. Environment: Python, Scipy, Pandas, BugZilla, SVN, C++, Java, JQuery, MySQL, Linux, Eclipse, Shell Scripting, HTML5/CSS, Apache RUBY, Cassandra, Red hat Linux. Python Developer Red cherry Global - Irwin, CA June 2012 to January 2014 Responsibilities: *

Design, develop, test, deploy and maintain the website. * Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript. * Developed entire front end and backend modules using Python on Django Web Framework. * Designed and developed data management system using MySQL. * Rewrite existing Java, C++ application in Python * Wrote python scripts to parse XML documents and load the data in database. * Generated property list for every application dynamically using python. * Created unit test/regression test framework for working/new code. * Made Django web based apps for Insurance premium calculations. * Designed the architecture of the hardware environments and methodology of the code. * Used Pandas library for statistical Analysis. * Used Numpy for Numerical analysis for Insurance premium. * Used Subversion version control tool to coordinate team-development. * Responsible for debugging and troubleshooting the web application. * Involved in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. * Developed application logic using Python, Java script, Java. * Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript. * Used Java Server Pages for content layout and presentation. * Created Data layer in MYSQL and Oracle Database. * Extracted and loaded data using Python scripts and PL/SQL packages * Debugging and testing of the applications

Environment: Python, Django, Java, J2EE, HTML, XHTML, CSS, AJAX, JavaScript, MySQL, PL/SQL, JDBC, Oracle, Unix Shell Scripting, Red Hat Linux, WebLogic Application Server.

Education Master's Skills Freebsd, Linux, Red hat, Bugzilla, Jira, Javascript

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