

Python Developer Python Developer Python Developer - Merck & Co Inc Monmouth Junction, NJ ?

5 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. ? Hands-on experience to design and code in various technologies such as Python and SQL. ? Experience with Design, code, debug operations, reporting, data analysis and web applications utilizing Python. ? Developed views and templates with Python and Django view controller and templating language to create a user-friendly website interface. ? Experience with Core Python and NumPy, Django, Panda and Flask. ? Experience working on with Integrated Development Environments (IDE's) like PyCharm, PyScripter, Spyder, PyStudio, PyDev and Sublime text. ? Good experience in developing web applications implementing Model View Control architecture using Django, Flask, Pyramid Python web application frameworks. ? Strong expertise in the development of web based applications using Python, Django, HTML, XML, Angular JS, CSS, DHTML, JavaScript, JSON, and JQuery. ? Good Knowledge and experience in Object Oriented Design and Programming concepts. ? Hands on experience in using Python /Perl to code and design various phases for data processing pipeline. ? Good experience in using different kind of data bases like MySql, OracleDb, Teradata and Apache Cassandra. ? Good knowledge in SQL and coding PL/SQL Packages, Procedures. ? Good knowledge in PL/SQL programming: stored procedures, functions, packages, triggers, performance tuning and optimization. ? Hands on experience in Shell Scripting, SQL Server, Unix and Linux. ? Good Understanding of the threading limitations of python and multi-process architecture. ? Experience in building frameworks and automating complex workflows using Python. ? Worked in agile and waterfall methodologies with high quality deliverables delivered on-time. ? Experience in working with different operating systems like Windows, Linux and Unix. ? Good Knowledge on software development and frameworks of GO.

? Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling, and Excel data extracts. ? Good problem solving and sound decision-making capabilities, recognized by associates for the quality of data, alternative solutions, confident, and accurate. Work Experience Python Developer Merck & Co

Inc - North Wales, PA April 2016 to Present Responsibilities:

- ? Managed large datasets using Pandadata frames and PostgreSQL.
- ? Maintained program libraries, users' manuals and technical documentation.
- ? Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript.
- ? Automated Regression analysis for determining fund returns based on index returns (Python/Excel).
- ? Wrote and executed various PostgreSQL database queries from python.
- ? Analyzed and Designed application and created UI using JavaScript and HTML5/CSS.
- ? Implemented business logic using Python/Django.
- ? Uploading, copying, downloading and deleting files using Amazon S3.
- ? Exported/Imported data between different data sources using SQL Server Management Studio.
- ? Designed and developed a testing suite using Python to perform an automated test for testing every function of the website.
- ? Thorough knowledge in various frontend tools like HTML, DHTML, CSS, JavaScript, and XML.
- ? 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.
- ? 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 the 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 a team of developers on python applications for RISK management.
- ? Used Pandas library for statistics Analysis and added support for the open stock.
- ? Created unit and functional test cases through the use of testing tools such as Python and Bash.
- ? Created most important Business Rules which are useful for the scope of project and needs of customers.
- ? Built various graphs for business decision-making using Python matplotlib library.
- ? Fetched twitter feeds for certain important keyword using the python-twitter library.
- ? Used Python library Beautiful Soup for webscrapping.css.
- ? Added support for Amazon AWS S3 and RDS to host static/media files and

the database into Amazon Cloud. Environment: Python 2.7, Django, HTML5/CSS, SVN, UNIX, MS SQL Server 2013, Shell Scripting, RESTful, AWS S3 CLI, JavaScript, Eclipse, Linux.

Python Developer CMC Limited - Hyderabad, Telangana April 2014 to December 2014 Responsibilities:

- ? Conducting my role in entire Software Development Life Cycle of the project.
- ? The base of the projects has been developed using Django, Python and MySQL.
- ? Database manipulation is done by using Django database API along with MySQL.
- ? Created tables, stored procedures, triggers and views.
- ? Contributed in writing views of the Django.
- ? Developed algorithms to deliver business function and components.
- ? Wrote scripts using python modules and libraries to develop programs which improve processing of access request.
- ? For testing purpose, used unit test framework - unit test.
- ? Developed remote integration with third party platforms by using RESTful web services.
- ? Configured and deployed project using the Amazon EC2 on AWS.
- ? Using agile methodology - SCRUM, along with JIRA for project.
- ? Used python module named Pandas for data manipulation.
- ? Worked on front end technologies like AngularJS, HTML, CSS, bootstrap.
- ? Using version control tool - Github with Jenkins to accumulate all the work done by team members.

Environment: Python, Django, MySQL, Github, Jenkins, AngularJS, AWS, Linux, JIRA, HTML, CSS, Bootstrap.

Jr. Python Developer Hindustan Petroleum - Hyderabad, Telangana May 2013 to March 2014 Responsibilities:

- ? Developed entire frontend and backend modules using Python on Django Web Framework.
- ? Design, develop, test, deploy and maintain the website.
- ? Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.
- ? Designed and developed data management system using MongoDB.
- ? Rewrite existing Python/Django modules to deliver certain format of data.
- ? Used Django Database API's to access database objects.
- ? Wrote python scripts to parse XML documents and load the data in database.
- ? Generated property list for every application dynamically using python.
- ? Handled all the client side validation using JavaScript.
- ? Creating unit test/regression test framework for working/new code.
- ? Training environment created with Docker.
- ? Build SQL queries implementing functions, packages, views, triggers and tables.
- ? AWS data pipeline for Data Extraction, Transformation and Loading from homogeneous or heterogeneous data sources.
- ? Responsible for debugging and troubleshooting the web application.
- ? Handling the day

to day issues and fine tuning the applications for enhanced performance. Environment: Python 2.7, Django 1.0, MySQL, Linux, HTML, XHTML, CSS, AJAX, JavaScript, SQL, MySQL, Apache Web Server. Python Developer Chennai, Tamil Nadu July 2012 to April 2013 Responsibilities: ? Worked on server side applications using Python programming. ? Worked on front end frame works like CSS Bootstrap for responsive WebPages. ? Developed and tested many features for dashboard, created using Bootstrap, CSS, and JavaScript. ? Utilized standard Python modules such as CSV, robot parser, itertools and pickle for development. ? Worked on Python Open Stack APIs and used NumPy for Numerical analysis. ? Used AJAX and JQuery for transmitting JSON data objects between frontend and controllers. ? Developed Wrapper in Python for instantiating multi-threaded application. ? Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. ? 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. ? Developed various algorithms for generating several data patterns. ? Used JIRA for bug tracking and issue tracking. ? Added several options to the application to choose algorithm for data and address generation. Environment: Python 2.7, CSS, HTML, BOOTSTRAP, JavaScript, JQuery, AJAX, MYSQL, Linux. Education Master of Computer and Information Science in Computer and Information Science Kent State University - Kent, OH 2015 to 2016 Bachelor of Engineering in Electronics and Communication Bapatla Engineering College - Bapatla, Andhra Pradesh 2008 to 2012 Skills CSS (4 years), HTML (4 years), LINUX (4 years), PYTHON (4 years), AJAX (3 years) Additional Information Skills Programming Languages: Python, Java, C, C++, SQL, Perl, Ruby. Web Technologies: HTML/HTML5, CSS/CSS3, XML, JavaScript, AJAX, JQuery, JSON, Shell Scripting. Frameworks: Django, Flask, Pyramid, Angular Js, Node Js, CSS Bootstrap Application Servers: Apache Tomcat, Apache HTTP webserver, Weblogic, Websphere, JBoss Operating Systems: Windows, RedHat Linux, Unix, Ubuntu. Databases: MYSQL, SQLite3, PostgreSQL, MongoDB, Oracle. Version Control: SVN, CVS, Git, Github. Development Tools: Eclipse, PyCharm, NetBeans, PyStudio, PyDev, Sublime Text Deployment Tools: Heroku, Jenkins, Docker, Amazon EC2 Agile

Methodologies: TTD, SCRUM J2EE Technologies: JSP, Java Servlets, JDBC, JMS

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