Python Developer

Python Developer - Humana

Jersey City

• 3+ years of experience as a Python Developer, pro cient coder in multiple languages and experience in Design, Development, Implementation of Python, Django, Flask client - server technologies-based applications, RESTful services, AWS and SQL.
• Experience in all phases of Software Development Life Cycle (SDLC) -Waterfall, agile Process across various workflows (Requirement study, Analysis, Design, Coding, Testing, Deployment and Maintenance) in Web & Client/Server application development.
• Experience in working with several python libraries including Beautiful soup, NumPy, matplotlib, SciPy, PyQt, Scapy, SQLAlchemy.
• Experienced in MVW frameworks like Django, Angular JS, Java Script, JQuery and Node.js.
• Experience with source code testing frameworks like JUnit, PyUnit.
• Expertise in working with server side technologies including databases, Restful API and MVC design patterns.
• Experience in Python Development and Scientific Programing, and using Numpy and Pandas in Python for Data Manipulation.
• Hands-on experience with industry-standard IDEs like PyCharm, Sublime, NetBeans and Jupyter Notebook.
• Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL and PostgreSQL database.
• Experience in Application Development and Object Oriented Programming Analysis and Design (OOAD)
• Experience of working with the On Demand Open Objec (ODOO) an open-source ERP.
• Expert at version control systems like Git, SVN and CVS, Migrated repos from SVN to GitHub.
• Excellent Debugging, Problem Solving, Optimization and Testing Skills using GitLab.
• Highly motivated, dedicated, quick learner and have proven ability to build and manage a team and work individually.
• Excellent communication and interpersonal skills, ability to work independently as well as part of an integrated team.

Work Experience

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March 2019 to Present

Responsibilities:

• Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution.
• Worked with Python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization.

• Implemented responsive user interface and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript, J Query.
• Development of Python APIs to dump the array structures in the Processor at the failure point for debugging.
• Built various graphs for business decision making using Python matplotlib library.
• Used Python library Beautiful Soup for web scrapping to extract data for building graphs.
• Creating RESTful web services for Catalog and Pricing with Django MVT, MySQL, and MongoDB.
• Used python pandas module to read CSV files to obtain data and store the data in data structures provided in the numpy module.
• Utilized PyUnit, the Python unit test framework, for all python applications.
• Used AngularJS to build high-quality, scalable and reusable components and Front-end solution.
• Worked on MongoDB database concepts such as locking, transactions, indexes, Sharding, replication, schema design.

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Lamda - IN
January 2015 to July 2017

Responsibilities:

• Involved in the design, development and testing phases of application using AGILE methodology.
• Designed the Web application Using Python on Django Web Framework pattern to make it extensible and flexible, implemented code in python to retrieve and manipulate data.
• Developed Merge jobs in Python to extract and load data into MySQL database.
• Worked on Element Tree XML API in python to parse XML documents and load the data in database.
• Created entire application using Python, Django, MySQL and Linux.
• Worked on python-based test frameworks and test-driven development with automation tools.
• Developed a fully automated continuous integration system using Git, MySQL, Jerkins, and custom tools developed in Python.
• Worked on server-side applications with Django using Python programming.
• Utilized standard Python modules such as CSV tools and pickle for development.
• Worked on Python OpenStack APIs and used NumPy for Numerical analysis.
• Designed the front end of the application using Python, HTML, CSS, AJAX, JSON and jQuery. Worked on backend of the application, mainly using Active Records.
• Used PyQuery for selecting DOM elements when parsing HTML.
• Created Business Logic using Python to create Planning and Tracking functions.
• Created UI Screens for initiation and validation.
• Automated JIRA processes using Python and bash scripts.
• Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.

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Education

Masters in Information System
New Jersey Institute of Technology,

Skills

SKILLS: Languages: Python Web Technologies: HTML5, CSS3, Javascript, XML Python
Libraries: NumPy, Pandas, Matplotlib, SQL Alchemy, PySide, SciPy, PyTables IDEs: Eclipse,
PyCharm, Visual Studio, PyScripter, Sublime Text, Jupyter Notebook Frameworks: Django,
Flask, Angular.js, Node.js Database: MongoDB, PostgreSQL, MySQL Tools: Jira, CVS, SVN,
GitHub Methodologies: SDLC, Agile, Scrum Operating Systems: Windows, Linux

Additional Information

SKILLS:
Languages: Python
Web Technologies: HTML5, CSS3, Javascript, XML
Python Libraries: NumPy, Pandas, Matplotlib, SQL Alchemy, PySide, SciPy, PyTables
IDEs: Eclipse, PyCharm, Visual Studio, PyScripter, Sublime Text, Jupyter Notebook
Frameworks: Django, Flask, Angular.js, Node.js
Database: MongoDB, PostgreSQL, MySQL
Tools: Jira, CVS, SVN, GitHub
Methodologies: SDLC, Agile, Scrum
Operating Systems: Windows, Linux