Python Developer Python Developer Python Developer - CoreCommodity Management LLC 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.

Experienced in WAMP (Windows, Apache, MYSQL, and Python) and LAMP (Linux, Apache, MySQL, and Python) Architecture.   Developed web-based applications using Python, HTML, CSS, JavaScript and JQuery.   Good experience of software development in Python (libraries used: pandas, numpy, scipy, matplotlib, network, urllib2, flask for  framework, MySQL dB for database connectivity, SQLAlchemy for SQL tool).   Strong knowledge in SQL concepts: CRUD operations, sub queries, stored procedures, triggers, cursors, and functions.   Experience in performing GET and POST request in AJAX call of HTML, JSON/XML using JavaScript and JQuery.   Familiar with JSON based REST Web services.   Good understanding of Object-Oriented Programing concepts.

Extensive knowledge of working on Statistical Analysis, Reporting involving analysis, Design, Development, testing and validating the   applications.    Have good Knowledge of Agile Methodologies (Scrum). Work Experience Python Developer CoreCommodity Management LLC December 2017 to Present   Developed Business Logic using Python and worked with request module web services in Python.   Designed and developed corporate website using the Flask framework.   Involved in building database Model, APIs and Views utilizing Python, to build an interactive web-based solution.   Working with Panda library to calculate statistics of system. Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.   Involved in development of modules like CSV import, XLSX import, bulk content upload.   Created numerous reports using xlrt/xlwt python packages.   Implemented discretization, binning and data wrangling: cleaning, transforming, merging and reshaping data frames    Performed different DataFrame operations using panda, flask and SQLAlchemy combination.   Used Restful-Plus services for generating different request-response communication between server and client.   Worked with jasper studio tool to generate different daily reports. Also familiar with the old version named iReport.   Created automated daily jobs using Job Scheduler Software.   Developed the required XML Schema documents and implemented the framework for

parsing XML documents. Performed different CRUD queries on data for Database. Used different Store procedures, JOIN and used CTE (common table expression) in SQL using DBvisualizer. Worked with ETL procedure for database functions to pull data out of one database and place it into another database. Built farm data and load into the Postgres database using SQL Alchemy. Used Postman for getting response from server and feed that data to HTML content. Worked with Redis to store key value pair to maintain data into session. Worked on different messaging brokers like RabbitMQ and ActiveMQ to send and receive messages and handled FIX messages coming from ActiveMQ. Worked with celery worker to communicates via messages, using a broker to mediate between clients and workers. Developed Page layouts design with the help of HTML5 and CSS3 with the help of CSS preprocessors Less for creating clean and faster stylesheet and responsive by CSS library Bootstrap. Worked with different JQX widgets for UI integration. Implemented JQuery and Ajax calls for transmitting JSON data objects between frontend and controllers. Used JavaScript library JQuery to create a Single Page Application (Phases) which can bind data to specific views. Expertise in unit and functional testing using JavaScript frameworks (jasmine and karma). Maintaining the code using different version control tools like GIT and Bitbucket. Worked within a lean agile environment with a SCRUM process and continuous delivery, did pair programming with developers, regularly involved in estimations and sprint planning. Performed defect tracking and defect resolution management using JIRA tool. Environment: Python, Flask, SQLAlchemy, HTML5, CSS3, Bootstrap, JavaScript, JQuery, AJAX, JSON, REST, GIT, JIRA. Software Developer Intern Wells Fargo - Dallas, TX August 2016 to March 2017 Involved in the development of the application and user interface guidelines using Python, HTML5, CSS3, JavaScript, and JQuery and troubleshoot various issues in Python code and fix them with code enhancements- code used various python libraries. Enhanced features of existed application using Flask Framework and improved the performance using web services. This project also used other technologies like JQuery for java script manipulations, bootstrap for the front-end html layout. Developed and maintained presentation layer (UI) for the Wholesale Management Portal. Worked on developing internal testing tools which were written in Python.

Performed validations for input fields making use of mainly Active Records.    Have ability to understand complex systems and be in command of the details to provide solutions.    Monitored the error logs and fixed the bugs using Splunk.    Ensured high quality data collection and maintaining the integrity of the data.    Followed AGILE development methodology to develop the entire application.    Implemented RESTful Web-Services for sending and receiving the data between multiple systems.  Environment: Python, HTML5, CSS3, LESS, JavaScript, AJAX, JSON, REST, Bootstrap, GIT. Jr. Software Developer CodingPixels - Vadodara, Gujarat June 2013 to July 2015 Involved in maintaining and updating existing application and modules.    Wrote scripts in Python for extracting data from HTML file using Python Library.    Created Python and Bash tools to increase efficiency of call center application system and operations, data conversion scripts, REST,  JSON, and CRUD scripts for API Integration.    Wrote scripts in Python for extracting data from HTML file. Involved in building database Model, APIs and Views utilizing Python, to build an iterative web-based solution.    Performed form validations and implemented server side very complex calculation in optimize manner.    Also, prepared Documentation for the generated reports.    Used Git as a version-controlling tool to collaborate.    Responsible for debugging and troubleshooting the web application.    Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time.  Environment: HTML, CSS, JavaScript, JQuery, XML, XHTML, DHTML, JSON, Ajax.    RESEARCH PROJECT  An Avatar-based Virtual 3-D Campus of Lamar University    This Research project is to provide a virtual view of the Lamar campus with buildings of interest.    The avatar-based navigation game for the Lamar University campus can be a platform for Lamar University that serves numerous  purposes alongside its main goal of navigation.    Navigation to the different buildings of the university with shortest path.    Used Unity 3.1/4/5 designing the different building of Lamar university and created 3D front view of the university. Environment: HTML5, CSS3, JavaScript, Unity. Education M.S. in Computer Science Lamar University B.E. in Computer Science Gujarat Technological University Skills HTML 5, MySQL, jQuery, Javascript, Python (3 years), CSS Additional Information TECHNICAL  SKILLS Programming Languages: Python, HTML5, CSS3, JavaScript, AJAX, PHP, Shell Scripting, JQuery,

RequireJS     Python Frameworks and Libraries: Flask, Panda, SQLAlchemy, numpy, openpyxl, xlsxwriter, stomp     Web Service: REST, SOAP     Testing Framework: Karma, Jasmine     Data Exchange: JSON, XML     Database: MySQL     Tools: GruntJS, GulpJS.     Operating Systems: Windows, Linux, MAC OSX     Version Control: GIT, BitBucket and SVN

Name: Jonathan Campbell

Email: kevinmccormick@example.net

Phone: 8453887472