

Python Developer Python Developer Python Developer - Western Digital Corporation San Francisco, CA 3+ years of experience in developing web-based applications, software development and design using Python, Django, CSS, HTML, JavaScript, jQuery and Angular JS. Experience on Django, Python web frameworks, Object Oriented Programming (OOPS) concepts using python, Django. Proficient in SQL databases MS SQL, MYSQL, Oracle and NO SQL databases MongoDB, Cassandra. Created a python, Django web-based application using python scripting for data processing and MySQL for database, HTML, CSS, jQuery for data visualization. Aware of test-driven development (TDD) and Agile/Scrum methodologies. Expertise in MVW frameworks like Django, Angular JS, JavaScript, jQuery and Node JS. Experience in Developing Web services with Python Programming Language. Experience in Establishing of applications in web services with protocols SOAP, REST, AWS. Expertise in Object Oriented Design and Coding.

Experience in MVC/MVT frameworks like Django, Flask and Pyramid. We used Python, Perl, jQuery, JavaScript and Json at the Front End. Experience in using various version systems like GitHub enterprise. Experience in programming frame works such as Turtle graphics and CMD. Expertise with automated testing tool such as Selenium Testing. Experience in preparing deliverables such as business process models, workflow diagrams, status reports, functional requirement Documents (FRD) and business requirement documents (BRD). Work Experience Python Developer Western Digital Corporation - Fremont, CA March 2016 to Present Designed the Web application Using Python on Django Web Framework pattern to make it extensible and flexible.

Used the Model View controller (MVC) framework to build modular and maintainable applications Building reusable code and libraries for future use. Developed scalable applications using Django framework. Build all database mapping classes using Django models with the help of ORM like SQLAlchemy. Used data structures like directories, tuples, object oriented class based inheritance features for making Wrote and executed various MYSQL database queries from python using Python-MYSQL connector and MySQL dB package. Maintained and improved the security level of data. Responsible for security standard implementation and data protection. Worked with millions of database records on a daily basis, finding common errors and bad data patterns and

fixing them. Generated various report using Python Report lab and sent to Business users to improve their decision making. Utilized PyUnit, the Python unit test framework for testing the functionality of the application. Involved in front-end designing using HTML, CSS, JavaScript, and Bootstrap. Operated all the user side validation using JavaScript and AJAX. Profiled python code for optimization and memory management. Implemented locking mechanisms using multithreading functionality. Responsible for debugging and troubleshooting the web application. Involved in entire lifecycle of the project Python Developer BinaryBros - Rajkot, Gujarat March 2014 to July 2015 Responsible for gathering requirements, system analysis, design, development, testing and deployment. Developed user interface using CSS, PHP, HTML, JavaScript and JQuery, CI CD, Data Center. Used Ansible to configure and manage the infrastructure. Wrote Python modules to extract/load asset data from the MySQL source database. Designed and developed Use-Cases, Classes and Object Diagrams using UML Rational Rose for Object Oriented Design techniques. Designed and implemented a dedicated MySQL database server to drive the web apps 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 PyUnit, the Python unit test framework, for all Python applications. Involved in develop the REST Web services to expose the business methods to external services in the project. Good Experience in error and exceptional handling Built an Interface between Django and Salesforce and Django with RESTAPI. Worked on front end frame works like CSS, Bootstrap for development of Web application. Participated in requirement gathering and worked closely with the architect in designing and modeling. Prepared and analyzed reports using Python libraries and involved in environment Setup. Developed, tested and debugged software tools for clients and internal customers of the organization. Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page Education Master's Skills Flask, Python, Django, Javascript

Name: Dr. Elizabeth Martin PhD

Email: chadbrennan@example.net

Phone: 273.279.8952