### **MARIA LISA**

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##### **CAREER SUMMARY**

* Around 3 Years of experience in Analysis, Design, Development, Management and Validation of various stand-alone and client-server applications.
* 2+ years of experience in implementing Object-Oriented Python, Hash Tables (Dictionaries) and Multi threading.
* Experience in installing software using pip command for python libraries and extensive usage of the PEP8 coding convention.
* Good understanding on Django ORM and SQLAlchemy.
* Experienced in interfacing with third party API’s using REST and SOAP
* Worked with varieties of Relational Databases (RDBMS) like SQLite, MySQL and PostgreSQL.
* Experienced in writing SubQueries, Triggers, Cursors, Stored Procedures and Functions.
* Proficient knowledge of Web services like Google Cloud and Amazon AWS Services.
* Good Knowledge on Linux and Shell Scripting.
* Experienced in developing web-based applications using Python, PHP, XML, JSON and MVC3
* Well versed in design and development of presentation layer for web applications using technologies like HTML,CSS, JavaScript, JQuery, AJAX and Bootstrap.

##### **EDUCATION**

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| --- | --- | --- | --- |
| **Course (Stream)/ Examination** | **Institution/University/School** | **Year of Passing** | **Performance** |
| B.E | Tagore College of Engineering and Technology – Chennai | 2015 | 90% |
| HSC | Scread Higher Secondary School | 2009 | 84% |
| SSLC | ST.Marry Higher Secondary School | 2007 | 80% |

##### **SKILLS**

* AJAX (1 year)
* CSS (1 year)
* HTML (1 year)
* JAVASCRIPT (1 year)
* MYSQL (1 year)

##### **WORK EXPERIENCE**

##### **1.) Python Developer**

Tata Consultancy Services – October 2015 to December 2016

**Responsibilities:**

* Involved in building database model, APIs and views utilizing Python, in order to build an interactive web based solution.
* Used data types like dictionaries, tuples and object -concepts based inheritance features for making complex algorithms of networks.
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript.
* Expertise in client scripting languages like JavaScript, JQuery, JSON, DOJO, bootstrap, Angular.js.
* Designed and managed API system deployment using fast http server and Amazon AWS architecture
* Worked on Python Open stack API’s.
* Carried out various mathematical operations for calculation purpose using python libraries.
* Managed large datasets using Panda data frames and MySQL.
* Worked with JSON based REST Web services.
* Performed testing using Django’s Test Module.
* Creating unit test/regression test framework for working/new code.
* Using Subversion version control tool to coordinate team-development.

**Environment:** Python, XML, Java, MySQL, Apache, CSS, HTML, JavaScript, Shell Scripts, Linux and Windows.

##### **2.) Python Developer**

Techwave Consulting Inc – January 2015 to October 2015

**Responsibilities:**

* Developed Views and Templates with Django view, controller and template language to create a user-friendly website interface.
* Configured the Django admin site, dashboard and created a custom Django dashboard for end users with custom look and feel.
* Used Python for XML, JSON processing, data exchange and business logic implementation.
* Created UI using JavaScript and HTML5. Designed and developed data management system using MongoDB.
* Used Python scripts to update the content in database and manipulate files.
* Proficient in Software Design and Development with a solid background in developing.

**Environment:** Python, XML, MySQL, Apache, CSS, HTML, JavaScript, Shell Scripts, Linux and Windows.

##### **ADDITIONAL INFORMATION**

* Languages Python, PHP, Java, C++, Shell scripting
* Python Framework Django, Pandas, Numpy, Scipy, Matplotlib, Seaborn, TensorFlow, Scikit-Learn, Pytorch.
* Databases MS SQL, MySQL, Oracle, PostgreSQL
* Web Technologies XML, CSS, HTML 5, JavaScript, JQuery, MVC 3, Bootstrap, AJAX, angular 2, PHP
* IDE Visual studio, PyCharm, Eclipse, MyEclipse