**Mit Patel**

**Email: Ph #:**

**Professional Summary:**

* Python Developer with 6 years over-all experience in Information Technology - strong background in Development, Design, and Roll-out.
* Experience with Design, code, debug operations, reporting, data analysis and web applications utilizing **Python**.
* Used Extensively on several standard python packages like **Numpy, matPlotLib, Pickle, PySide, Django, Flask** etc.
* Worked with MVW frameworks like **Django, HTML, CSS, XML, Java Script, jQuery, Bootstrap.**
* Experience object oriented programming (OOP) concepts using **Python** and **C++ .**
* Experienced in working with various Python Integrated Development Environments like **IDLE,** **PyCharm, Atom, Eclipse, PyDev** and **Sublime Text**.
* Front end development experience using **HTML, CSS, JQuery, Bootstrap and JavaScript**.
* Experienced in **WAMP** (Windows, Apache, MYSQL, Python) and **LAMP** (Linux, Apache, MySQL, Python) Architecture.
* Expert knowledge of and experience in Object Oriented Design and Programming concepts.
* Utilized **PyUnit**, the Python unit test framework, for all Python applications.
* Experienced in developing web-based applications using **Python, Django, C++, XML, CSS, HTML, JavaScript** and **jQuery.**
* Expertise in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions with different databases like **Microsoft SQL Server, MySQL, PostgreSQL** and Good knowledge in using NoSQL databases **MongoDB**.
* Good experience in working with web services like Amazon **EC2, AWS and Amazon S3.**
* Good Exposure in maintaining various version control software – GIT, SVN, CVS, GitHub.
* Good working Experience in Agile (**SCRUM**) using Rally and TFS, RUP and Waterfall methodologies with high quality deliverables delivered on-time.
* Experienced in following **PEP8** coding standards across various projects.
* Prepared best practice documents for external customers and worked closely with third party vendors.
* Ability to work independently, and with minimum supervision.

**Technical Skills:**

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| --- | --- |
| **Programming/Scripting Languages** | Python, Java, UNIX / Linux Shell Scripting (Bash), C, C++, JavaScript, SQL. |
| **Python Framework** | Django 1.10/1.11, Flask, Spring MVC |
| **Databases** | MySQL, PostgreSQL, MS SQL, MongoDB, Oracle 10g |
| **Web Technologies** | HTML, CSS, AJAX, JavaScript, jQuery, JSON, Bootstrap, XML, REST |
| **Versioning Tools** | Subversion, GIT, CVS, SVN |
| **Web servers** | Apache, IIS |
| **Operating systems** | Microsoft Windows, OS X, Ubuntu Linux, Debian Linux, Windows Server |

**PROFESSIONAL EXPERIENCE:**

**American Express, Phoenix, AZ Mar 2016**-**Present**

**Role: Python Developer**

**Description:**   
The project is to build the self-service business term search engine for the next generation data management so that it can be used for wide variety of cross-platforms within the organization.

**Responsibilities:**

* Analyzed the system requirement specifications and in client interaction during requirements specifications.
* Providing daily reports to the Development Manager and participate in both the design phase and the development phase. Utilized Agile Methodology and SCRUM Process.
* Implemented code in **Python** to retrieve and manipulate data.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the **HTML**, **CSS**, **JavaScript,** and **jQuery**
* Developed dynamic web pages using **Python** Django frameworks and Used **Django** **APIs** for database access.
* Utilized **PyUnit**, the Python unit test framework, for all Python applications.
* Used **jQuery** and **Ajax** calls for transmitting **JSON** data objects between frontend and controllers.
* Developed entire frontend and backend modules using Python on **Django** Web Framework.
* Designed and implemented an application for managing customers, purchases and invoices.
* Created **RESTful** http services to interact with **UI**.
* Worked in **MySQL** database on simple queries and writing Stored Procedures for normalization and renormalization.
* End to end testing of the applications.
* Re-engineered various modules for implementing changes and created efficient system.
* Maintained program libraries, user's manuals and technical documentation.

**Environment:** Python 2.7, Django 1.10, Linux, HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, MySQL, MS SQL Eclipse, Shell.

**Thermo Fisher, Carlsbad, CA Apr 2015**-**Feb 2016**

**Role: Python Developer**

**Description:**

Development of the device as a stand-alone machine with multi-protocol creation, editing and control panel instrumentation, command-response queries execution and status display capabilities.

**Responsibilities:**

* Work with product management to translate requirements into software design, implementation, and test**.**
* Working under UNIX environment in development of application using **Python** and familiar with all of its commands.
* Usage of advance features like pickle/unpickle in **Python** for sharing the information across the applications.
* Worked on **Django API's** for accessing the database.
* Designed and developed data management system using **MySQL**, wrote several queries to extract data from database.
* Developed and maintained parsing modules, which read CSV, XML and JSON data from files and other REST services, processed the data.
* Used Python modules such as **requests**, **urllib**, and **urllib2** for **web crawling**
* Developed entire frontend and backend modules using Python on Django Web Framework.
* Used version control and added support for Amazon **AWS** S3 to host static/media files and the database into Amazon Cloud.
* Implemented Business logic, worked on data exchange, processed **XML** and **HTML**.
* Understanding of testing methodologies such as **TDD.**
* Developed **object-oriented programming** to enhance company product management.
* Designed and Developed User Interface using front-end technologies like **HTML, CSS, JavaScript, jQuery, AngularJS, Bootstrap and JSON.**
* Followed **Scrum/Agile** methodology.
* Resolved performance related issues using efficient coding.
* Responsible for writing high quality and well documented code according to standards and documentation of various processes.

**Environment:** Python, Django, MySQL, Mongo DB, AWS, REST API, Windows/Linux, HTML, CSS, Bootstrap, jQuery, JavaScript, Git

**Domino’s Pizza, Ann Arbor, MI Mar 2014**-**Mar 2015**

**Role: Python Developer**

**Description:**

The scope of the project to create and maintain an internal POS system which streamlines and authenticate payment workflow solutions to securely protect internal transactions and in turn authorize with the highest level of security available while keeping the payment platform simple and easy to use.

**Responsibilities:**

* Analyzed the Business Requirement Documents and created the technical specification documents. Experienced working in Waterfall model.
* Analyze, develop, integrate, and then direct the operationalization of new data sources.
* Created Forms, views, models using **Django**.
* Scripted the entire code in **Python** language.
* Generating various capacity planning reports (graphical) using Python packages like **Numpy**, **matplotlib**
* Wrote Python scripts to parse XML documents and load the data in database.
* Used Python's XML parser architectures (SAX) and DOM API for tracking small amounts of data without requiring the DB.
* Used the Model View controller (MVC) framework to build modular and maintainable applications.
* Designed and configured database and back end applications and programs.
* Wrote and executed various **MYSQL** database queries from python using Python-MySQL connector and MySQL dB package.
* Used **AJAX** to reduce page reloads.
* Developed **HTML, CSS, jQuery** and **JavaScript** to present Client side GUI.
* Successfully migrated all the data to the database while the site was in production.

**Environment:** Python, Django, HTML/XHTML, CSS, JavaScript, Ajax, MySQL, Linux, Shell Scripting, GIT.

**IndiaNIC Infotech Limited, Ahmedabad, India Sep 2012-Feb** **2014**

**Role: Java Developer**

**Responsibilities:**

* Involved in each phase of SDLC.
* Followed **Java** & **J2EE** design patterns and the coding guidelines to design and develop the application
* Designed database by creating tables, Participated In developing triggers, stored procedures and queries using SQL in SQL Server.
* Responsible for transforming design mock-ups to W3C standards compliant **HTML** pages using **CSS, JavaScript**, and **jQuery**.
* Developed and maintained elaborate services based on MVC architecture.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Used Team Studio and Build Manager tools to develop applications and promote the new design to test environment.
* Leading technical projects with a focus on quality and improving the user experience.

**Environment:** Java, J2EE, JSP, HTML, XML, CSS, JavaScript, jQuery, JSON, AJAX, Eclipse