**Harshit**

**Email:** [**hnparekh9185@gmail.com**](mailto:hnparekh9185@gmail.com)

**Ph #: 510-556-1710**

**Professional Summary:**

* **Python Developer** with **7** years over-all experience in Information Technology - strong background in Development, Design, and Roll-out.
* Experienced with full software development life-cycle, architecting scalable platforms, object oriented programming, database design and agile methodologies.
* Experienced in MVW frameworks like **Django, Java Script, Pycharm.**
* Experience object oriented programming (OOP) concepts using **Python, C++,SMTP.**
* Experienced in **WAMP** (Windows, Apache, MYSQL, Python /PHP) and **LAMP** (Linux, Apache, MySQL, Python /PHP) Architecture.
* Experience in **Python Development** using **Python3.x/2.x**, **Pycharm, and UBUNTU.**
* Experienced using **Virtualization and Docker.**
* Good Knowledge of **Python** and **Python** Web Framework **Django,Flask**
* Familiar with **JSON** based **REST Web services** and **Amazon Web services (AWS).**
* Very good experience with cloud platforms like **Amazon AWS**.
* Experienced in installing, configuring, modifying, testing and deploying applications with Apache.
* Excellent experience with Python development under Linux OS (Debian, Ubuntu, SUSE Linux, RedHat Linux, Fedora).
* Expert knowledge of and experience in Object oriented Design and Programming concepts.
* Experienced in developing web-based applications using **Python, Django, XML, CSS, HTML,** **JavaScript.**
* Experience with Unit testing/ Test driven Development (TDD), Load Testing.
* Experienced in developing Web Services with **Python**programming language..
* Excellent analytical and communication skills with ability to interact with individuals at all levels.
* Hands-on experience in writing and reviewing requirements, architecture documents, test plans, design documents, quality analysis and audits.
* Front end development experience using **HTML, CSS, JSON** and **JavaScript.**
* Good Exposure in maintaining various version controls.
* Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on **MySQL** and **PostgreSQL** database.
* 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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| **Languages** | Python 3.x,2.7/2.4, C++, Java, SQL |
| **Python Framework** | Django, Angular.js, Java Script, Node.js |
| **Databases** | MySQL 5.1, SQL Server 2008 , Oracle 10g |
| **Web Technologies** | AJAX, JavaScript, JQuery, HTML, DHTML, XML |
| **Versioning Tools** | Subversion, GIT, Perforce, CVS |
| **Web servers** | Apache, IIS |
| **Operating systems** | Linux/Unix, Windows Variants |

**Professional Experience:**

**Client:** **Riverbed Technology, San Francisco, CA. Dec 15 – Till Date**

**Role: Python Developer**

**Responsibilities:**

* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
* Developed user interface using **CSS, HTML, JavaScript** and **JQuery.**
* 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 **Django** framework for application development.
* Created entire application using **Python, Django, MySQL and Windows.**
* Utilized **PyUnit, the Python** unit test framework, for all Python applications.
* Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs.
* Wrote **Python** modules to extract/load asset data from the **MySQL** source database.
* Developed tools using **Python**, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
* Wrote **Python** OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization.
* Involved in Installation and setting up **Python/Windows** test beds.
* Created database using **MySQL,** wrote several queries to extract/store data.
* Used **Docker Container and virtualization**.
* Used Python library **Beautiful Soup** for webscrapping.ss.
* Added support for **Amazon AWS S3** and RDS to host static/media files and the database into **Amazon Cloud**.
* Developed, tested and debugged software tools utilized by clients and internal customers.
* Developed and tested many features for dashboard using **Python, CSS, and JavaScript.**
* Coded test programs and evaluated existing engineering processes.
* Designed and configured database and back end applications and programs.
* Created a **Git** repository and added the project to **GitHub.**
* Performed research to explore and identify new technological platforms.
* Designing of various db on **MongoDB.**
* Designed **RESTful XML** web service for handling AJAX requests.
* Used DCL Commands in Open VMS Environment.
* Used DCL commands to enforce database security in a multiple user database environment.
* Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.
* Resolved ongoing problems and accurately documented progress of a project.

**Environment**: Python 3.4.3 , Django 1.4, PyUnit, AWS, MySQL, Panda, Angular.js, Bootstrap, Windows, Linux, HTML, CSS, JQuery, JavaScript, Apache, Jira, MongoDB, RestFul, Git and Linux.

**Client: Unicon, Inc, Gilbert, AZ.**  **Oct 14 – Nov 15**

**Role: Python Developer**

**Responsibilities:**

* Involved in building database Model, APIs and Views utilizing **Python,** in order to build an interactive web based solution.
* Coding in **Python** (Linux,Windows, MySQL) environment.
* Built application logic using **Python 2.7.**
* Used the **Django** Framework to develop the application.
* Used **Django APIs** for database access.
* Used **Python** to extract weekly hotel availability information from CSV files.
* Created Data tables utilizing **PyQt** to display customer and policy information and add, delete, update customer records.
* Developed **Python** batch processors to consume and produce various feeds.
* Used **Pandas API** to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
* Developed the required **XML** Schema documents and implemented the framework for parsing **XML** documents.
* Set up rules and policies with a **Python** back end.
* Worked with Openstack Command-line client.
* Used **Python SDK** to build applications that use Couchbase Server.
* Created a **Git** repository and added the project to **GitHub.**
* Created **PyUnit** test cases for unit testing.
* Managed large datasets using **Panda** data frames and **MySQL.**
* Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.
* Used WebServices to get travel destination data and rates.
* Participated in requirement gathering and worked closely with the architect in designing and modeling.
* Worked on development of **SQL** and stored procedures on **MYSQL.**
* Responsible for debugging the project monitored on **JIRA** **(Agile).**
* Developed shopping cart for Library and integrated web services to access the payment (E-commerce).

**Environment:** Python, Django, PyQT, RabbitMQ, Panda API, HTML, CSS, AJAX, Angular.js, Flex, JSON, Restful, XML, JavaScript,OOD,Shell Scripting, GITHub,MYSQL,Cassandra,Jira,agile**.**

**Client: Connecture Inc., Brookfield, WI.** **Jan 14 – Sep 14**

**Role: Python Developer**

**Responsibilities:**

* Worked on requirement gathering and High level design.
* Used **HTML/CSS and Javascript** for UI development.
* Converted Visual basic Application to **Python and MSQL.**
* Used **Python scripts** to update content in the database and manipulate files.
* Used several **Python** libraries like **wxPython, numPY and matPlotLib.**
* Build all database mapping classes using **Django** models.
* Used **Pandas API** to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
* Written many programs to parse excel file and process many user data with data validations.
* Used Thales theorem for applying encryption and decryption of ISO standard message in **Python** programming.
* Ensured high quality data collection and maintaining the integrity of the data.
* Developed object-oriented programming to enhance company product management.
* Was involved in environment code installation as well as the **SVN** implementation.
* Created unit test/regression test framework for working/new code
* Performed Unit/System test.
* Responsible for debugging and troubleshooting the web application.

**Environment:** Python 2.6/2.7, Pandas, BugZilla, SVN, C++, Java, JQuery, MS SQL, Visual Basic, Linux, Eclipse, Java Script, XML, JASPER, PL/SQL, Oracle 9i, Shell Scripting, HTML, CSS, Apache.

**Client: State Street Financial Corp, Boston, MA**. **Nov 12 – Dec 13**

**Role: Python Developer**

**Responsibilities:**

* Worked with the design team for project structure.
* Performed Design and Code reviews.
* Implemented the presentation layer with **HTML, DHTML, Ajax, CSS and JavaScript.**
* Performed coding in C++ on Linux Platform.
* Designed and developed the UI of the website using **HTML, AJAX, CSS and JavaScript**
* Designed and developed data management system using MySQL.
* Rewrite existing **Python/Django** modules to deliver certain format of data.
* Used **Django** Database API's to access database objects.
* Wrote **Python** scripts to parse XML documents and load the data in database.
* Handled all the client side validation using **JavaScript.**
* Expertise in writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers and User Defined Function.
* I have also used **Selenium** Library to write fully functioning test automation process that allowed the simulation of submitting different we requests from multiple browser to web application.
* Used **JQuery** for all client side **Javascript** manipulation.
* Created unit test/regression test framework for working/new code
* Using **Subversion** control tool to coordinate team-development.
* Developed entire frontend and backend modules using **Python on Django** Web Framework.
* Responsible for debugging and troubleshooting the web application.
* Involved in writing stored procedures using **MySQL.**
* Optimized the database queries to improve the performance.
* Developed in Windows and going to deploy it in **Linux server.**
* Worked on data exchange from website using XML, JAVA and Web Services

**Environment:** Python 2.6, JavaScript, Django Framework 1.3, CSS, SQL, MySQL, LAMP, JQuery, Adobe Dreamweaver, Apache web server.

**Company: Tarang Software Technologies, India** .  **Apr 11 – Oct 12**

**Role: Python Developer**

**Responsibilities:**

* Involved in the Design, development, test, deploy and maintenance of the website.
* Used **Python** based GUI components for the front end functionality such as selection criteria.
* Generated property list for every application dynamically using **Python**.

1. Created Servlets and Beans to implement Business Logic.
2. Used SAX/DOM Parser for parsing the data to Oracle Database.
3. Designed and created backend data access modules using **PL/SQL** stored procedures and **Oracle.**
4. Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for **Oracle** Database.
5. Developed and executed User Acceptance Testing portion of test plan.
6. Debugging Software for Bugs.

**Environment:** Python, DOM, HTML, CSS, SQL, PLSQL, Oracle and Windows.

**Company: GalaxE Solutions India Pvt. Ltd, India .**  **Aug 09 – Mar 11**

**Role: Software Developer**

**Responsibilities:**

* Worked with the design team for project structure.
* Performed Design and Code reviews.
* Implemented the presentation layer with HTML, DHTML, Ajax, CSS and JavaScript.
* Performed coding in C++ on Linux Platform.
* Involved in writing stored procedures using MySQL.
* Optimized the database queries to improve the performance.
* Developed in Windows and going to deploy it in Linux server.
* Worked on data exchange from website using XML, JAVA and Web Services.
* Involved in writing stored procedures using MySQL.
* Optimized the database queries to improve the performance.
* Developed in Windows and going to deploy it in Linux server.
* Worked on data exchange from website using XML, JAVA and Web Services.

**Environment:** C++, XML, Java, MYSQL, Apache, CSS, ORACLE, DHTML, HTML, JavaScript, Shell Scripts, Linux and Window.

**Education:** Bachelor’s in Electronics and Communication Engineering, JNTUA, INDIA.

**References:** Will be provided upon request.