Peshal Wagle

Python Developer | Citizen
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Cary, NC

PROFESSIONAL SUMMARY:

- IT professional with over 5 years of experience as a Web Application Developer and coding using Python, Django.
- Experienced with Django, a high-level Python Web framework.
- Experience in project deployment using Jenkins and using web services like Amazon Web Services (AWS) EC2 and AWS S3.
- Experience in developing web-based applications using Python, Django Angular.js, VB, XML, CSS, HTML, DHTML, JavaScript and jQuery.
- Experienced with full Software Development Life Cycle (SDLC), architecting scalable platforms, object-oriented programming, database design and agile methodologies.
- Experience in working on Application Servers like WebSphere, WebLogic, Tomcat, Web Servers like Apache Server, NGINX and Integrated Development Environments like PyCharm, Eclipse, MyEclipse, JDeveloper and RAD.
- Experience with Web Development, Web Services, Python and the Django framework.
- Experience configuring and developing with different Database servers including MySQL, MSSQL, Oracle and Mongo DB.
- Excellent debugging, problem solving, optimization and testing skills.
- Experienced in working with various Python Integrated Development Environments like PyCharm, PyScripter, Spyder and Sublime Text.
- Proficient in Front end development experience using HTML, XML, CSS, jQuery, JSON, JavaScript, CSS and Bootstrap.
- Highly motivated, dedicated, quick learner and have proven ability to build and manage a team and work individually.
- Strong Knowledge of web application security and access control.
- Excellent written and oral communication skills with results-oriented attitude.

EDUCATION DETAILS: Bachelor's degree, Hydrology and Meteorology, Tribhuvan University, Dec 2011

TECHNICAL SKILLS:

Programming Languages	Python, Java, Shell Scripting, Django
Web Technologies	HTML, CSS, XML, DOM, AJAX, jQuery, JSON and CSS Bootstrap.
Python Libraries	Python, Django, Flask, Beautiful Soup, HTML/CSS, Bootstrap, jQuery, NumPy
Webserver	Apache HTTP webserver, WebLogic, WebSphere, JBoss and Apache Tomcat
IDE	Eclipse, Webstorm, Sublime Text, Brackets, PyCharm, Pystudio, Pyscripter.
Cloud Computing	AWS EC2, S3, RDS (MY SQL), SQS
J2EE	JDBC, JNDI, JSP and servlets
Databases	MySQL, SQLite, Cassandra, Redis and mongo DB
Operating Systems	Windows, Red Hat Linux, Mac OS
Other Tools	Bugzilla, Jasmine, Pyunit, JIRA, Junit, Git, SVN, CVS

PROFESSIONAL EXPERIENCE:

Flagstar Bank, Troy, MI | Dec 2020 - Current
Python Developer
Responsibilities:
- Utilized Python libraries such as NumPy, pandas and matplotlib to read data from csv files aggregate and update data.
- Wrote and executed various MYSQL database queries from Python using Python-MySQL connector and MySQL dB package.
- Analyzed and Designed application and created UI using JavaScript and HTML. Implemented business logic using Python/Django.
- Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript.
- Used Python and Django for creating graphics, XML processing, data exchange and business logic implementation.
- Develop entire frontend and backend modules using Python on Django Web Framework.
- Design and maintain databases using Python and developed Python-based API (RESTful Web Service) using Flask and Postgre SQL.
- Created backend database T-SQL stored procedures and Jasper Reports.
- Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a
- Used Python IDE PyCharm for developing the code and performing unit test.
- Worked in development of applications especially in UNIX environment and familiar with all of its commands.
- Designed the architecture of the hardware environments and methodology of the code
- Worked on Jenkins continuous integration tool for deployment of project.
- Fetched twitter feeds for certain important keyword using python-twitter library.
- Used Pandas library for statistics Analysis and added support for open stock.
- Created most important Business Rules which are useful for the scope of project and needs of customers.

Environment: Python, Django, Flask, HTML, NumPy, PyCharm, SVN, UNIX, T-SQL, JavaScript, Eclipse, Linux, Shell Scripting, RESTful, Amazon BotoPil, AWS S3, PostgreSQL, Windows

Successive Technologies, Coppell, TX | Jan 2018 - Nov 2020
Python Developer
Responsibilities:
- Developed user interface solutions using a Django web framework. Used Python scripts to update content in the database and manipulate files.
- Used data types like dictionaries, tuples and object-oriented concepts-based inheritance features for making complex algorithms of networks.
- Responsible for gathering requirements, system analysis, design, development, testing and deployment.
- Involved in developing web applications and implementing Model View Control (MVC) architecture using server-side applications like Django.
- Developed multi-threaded standalone app in Python to view performance.
- Designed UNIX Scripts to automate the verification of the information inserted in the database.
- Developed user interface of the web application using HTML, CSS. Wrote custom user defined functions in JavaScript to validate application functionalities/features.
- Wrote code to support model-view-controller (MVC) pattern of Python Django framework in developing several modules for the application.
- Developed entire frontend and backend modules using Python on Django Web Framework.
- Used Pandas API to put the data as time series and tabular format for local timestamp data manipulation and retrieval and storing it into MongoDB.
- Used Python libraries and SQL queries/subqueries to create several datasets which produced statistics, tables, charts and graphs.
- Involved in building database Model, APIs, and Views utilizing Python technologies to build web-based applications.

Environment: Python, Django, Pandas, HTML, CSS, JavaScript, PyUnit, PyQt, PyQuery, jQuery, AJAX, SQL, UNIX and Windows.

Sofmen, Saratoga, CA | Oct 2016 - Dec 2018
Programmer
Responsibilities:
- Upgraded the entire code base of RBM product from Oracle version 11g to version 12c.
- Fixed bugs using gdb and refactored code. Added automated unit tests using scripting languages.
- Supporting users on issues via tickets and documenting all issues/incidents on a day-to-day basis.
- Developed and evaluated technology alternatives for resolving customer business problems.
- Developed a web application to check the status of servers using python and flask
- Worked with QA testers for end-to-end unit testing and post-production testing in a collaborative team environment.
- Developed various features to meet the client requirements for modules such as BG which is the core module of the product which included gathering, analyzing and evaluating data to reach viable conclusions.
- Instrumented and modified unit and integration tests to improve software quality and reliability.
- Drafted detailed design objectives and developed architectural and system design documents.
- Demonstrated ability to troubleshoot the most difficult technical issues using debugging techniques.
- Involved in Developing a Restful API'S service using Python Flask framework.
- Task ownership throughout requirements software design, development, testing and release.

Environment: Python, Flask, JavaScript, HTML, XML, GIT, Struts, Tomcat, Oracle, Windows.