Prasanna

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## **Summary:**

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* Over 6 years of experience as a Web Application Developer in python.
* Good experience in in Shell Scripting, SQL Server, UNIX and Linux.
* Good knowledge of Object Oriented Concepts, Data Structures and Design Patterns.
* Experienced in developing Web-based Applications using HTML, CSS, JavaScript, AngularJS, jQuery and Python.
* Experienced in a fast-paced Agile Development Environment including Test-Driven Development (TDD) and Scrum.
* Experience in developing Web Services with Python.
* Good knowledge of Web Services with protocols SOAP, REST.
* Involved in Unit testing, Integration testing, User-Acceptance testing, and Functional testing.
* Skilled experience in Python with using new tools and technical developments (Libraries Used: libraries - Beautiful Soup, NumPy, SciPy, matplotlib, Pickle, Panda) to drive improvements throughout entire SDLC.
* Expertise in working with server side technologies including databases, Restful API and MVC design patterns.
* Responsible for Data Backups, Restores and Recovery using tape.sys software.
* Superior Troubleshooting and Technical support abilities with Migrations, Network connectivity, Security, and Database applications.
* Data modelling expert.
* Good Analytical and Problem-Solving skills and ability to work on own besides being a valuable and contributing team player.
* Excellent Interpersonal and Communication skills, Efficient Time Management and Organization Skills, ability to handle Multiple-Tasks and work well in a Team-Environment.

**TECHNICAL SKILLS:**

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| **Languages** | Python, Java, JavaScript, Scheme, GO, SQL |
| **Web** | HTML, CSS, JavaScript, jQuery, Bootstrap, Inkscape, Gimp, Photoshop |
| **MVC Frameworks** | Django, Flask |
| **IDEs** | PyCharm, Atom, Sublime Text, Vim |
| **Web Services** | RESTful APIs, JSON |
| **Methodologies** | Agile, Scrum, Spiral, SDLC |
| **Modeling Tools** | UML, Visio |
| **Database Servers** | SQL Server, PostgreSQL |
| **Version Control** | Git, GitHub, Bitbucket |
| **Operating Systems** | Windows 10/8/ 7/ XP , Linux, UNIX |

**PROFESSIONAL EXPERIENCE:**

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**Python Developer**

Hudson Insurance is the insurance company that provides property and casualty insurance products to corporations, professional forms and individuals. Here I design and develop web based applications using various programing and development tools. I have designed and developed web selection of product which directs the client to the interest’s page so that the client can able to see the product information and the related interests.

Responsibilities:

* Worked with team of developer on Python applications for RISK management.
* Made Django based app for insurance premium calculations.
* Handled all the client side validation using JavaScript.
* Involved writing application level code to interact with APIs, Web Services using JSON.
* Used unit test python library for testing many Python programs and block of codes.
* Used HTML, CSS, jQuery, JSON and JavaScript for front end applications.
* Involved in testing various RESTful API like Twilio, Facebook, Twitter
* Designed and developed data management system using MySQL.
* Practiced in Agile environment for project planning and maintained source code with Git
* Worked on bug fixing and application performance.
* Wrote and executed manual Shell/Python scripts testing for each endpoint throughout the entire Agile SDLC.

*Environment: Python 3.5, Django, HTML, CSS, JavaScript, mySQL, jQuery, Bootstrap, , Beautiful Soup, NumPy, Pandas, Anaconda, Spyder, Git, GitHub, Linux.*

**SunTrust Banks Inc, Somerset, NJ** March 2015- May 2017

**Full Stack Python Developer**

SunTrust Banks, Inc. is an American bank holding company, bank’s primary businesses include deposits, lending, credit cards, as well as trust and investment services. SunTrust Banks also provides corporate and investment banking, capital market services, mortgage banking, and wealth management; they needed a team of seven developers to design and create an application to assist them in managing and perform such task effectively. SunAnalytics is an application which incorporates credit analysis with the extension of communicates secure customer information for each level of analysis process. It allows banks to book loans faster with better consistency, transparency and bring the standard to the analysis process for each lender and borrower. It has functionality for managing risk for management as it can keep track of all the outstanding exposure and allows corporate users to analyze the company cash flow. The application is mainly for corporate users in credit analysis process with different roles and permissions to engage in specific activities on the web application. I designed and developed the front-end and server-side/REST API application logic of SunAnalytics using Angular2, TypeScript, HTML5, CSS3, Bootstrap, and Django.

Responsibilities:

* Developed this project using MongoDB, Angular 2, TypeScript, Django, HTML5, CSS3, Bootstrap.
* Designed and developed a responsive UI page using Bootstrap.
* Developed the application RESTful API server using Django REST Framework.
* Connected the database and application REST API via Django.
* Created methods (get, post, put delete) to make requests to the API server.
* Developed mock API consumer objects via test cases using Python Unit test Module.
* Familiar in updating, accessing and version controlling the code using Git.

*Environment: TypeScript, HTML5, CSS3, Bootstrap, Git, GitBash, Django REST Framework, Python Unit test, PyCharm, Ubuntu, Bash Shell Scripting*

**United Health Group - Minneapolis, MN** Jan 2013- Feb 2015

**Full Stack Python Developer**

The United Health Group's Web Products project involved developing various web-based applications, Secure Messaging Center: A secured emailing system. Java Job-Scheduling application using Quartz Framework. Med Connect: An internal application for health-care providers. Walking Challenge: An application to keep track of steps and activities for individual participants enrolled in the program. Online Behavioral Change: A fusion of Wellness and Disease Management coaching. The program provides tools which engage, educate, and empower consumers to advocate for better health

Responsibilities:

* Developed this project using TypeScript, Django, HTML5, CSS3, Bootstrap.
* Responsible for gathering requirements, design, development, testing and deployment.
* Attend JRD and JAD meetings with the clients to understand the requirements.
* Extensively used Python requests module to call webservices.
* Used jQuery Ajax calls to build dynamic websites.
* Deployed Django web application in Apache webserver and Carpathia cloud web deployment.
* Written numerous Django templates for page rendering.
* Build JSON objects using the framework to be used by JavaScript to control the flow of the page.
* Resolved performance related issues using efficient coding.
* Develop dynamic webpages using HTML, CSS, JavaScript and AJAX.
* Good knowledge on Python pickles.
* Worked on Bug fixes.
* Installed numerous Python modules.

*Environment: Python 2.7, Django, XML, HTML, Bugzilla, excel*