# **Prasanna Puaudyal**

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## **Summary:**

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* Over 6 years of experience as a Web Application Developer in python.
* Good experience in SQL Server, UNIX and Linux.
* Good knowledge of Object Oriented Concepts and Data Structures.
* Experienced in developing Web-based Applications using HTML, CSS, JavaScript, jQuery and Python.
* Experienced in a fast-paced Agile Development Environment including Test-Driven Development (TDD) and Scrum.
* Involved in Unit testing, Integration testing, User-Acceptance testing, and Functional testing.
* Skilled experience in Python with new tool and technical development to drive improvements throughout entire SDLC.
* Data modeling expert.
* Good Analytical and Problem-Solving skills and ability to work on own besides being a valuable 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, Golang, SQL |
| **Web** | HTML, CSS, JavaScript, jQuery, Bootstrap, Inkscape, Gimp |
| **MVC Frameworks** | Django, Flask |
| **IDEs** | PyCharm, Atom, Sublime Text, Vim |
| **Web Services** | RESTful APIs, JSON |
| **Methodologies** | Agile, Scrum, Spiral, Waterfall |
| **Modeling Tools** | UML, Visio |
| **Database Servers** | SQL Server, PostgreSQL, SQLite |
| **Version Control** | Git, GitHub, Bitbucket |
| **Operating Systems** | Windows 10/8/ 7/ XP , Linux, UNIX |

**PROFESSIONAL EXPERIENCE:**

----------------------------------------------------------------------------------------------------------------------------------------------------- **SmartStart Inc, Dallas, TX** April 2019-present

**Python Developer**

SamrtStart makes ignition interlock devices which prevent intoxicated drivers from operating a vehicle. Here, I design and develop software for DFT to test if the functionality of the products meet all the the requirements.

Responsibilities:

* Developed python program for flashing application to store data locally.
* Designed and developed python program to push data into remote database.
* Used flask to create endpoints for application layer.
* Deployed new software for different departments.
* Designed web interface to interact with remote data.
* Practiced in agile environment for project planning an d maintained source code with SVN.

*Environment: python2.x, python3.x, HTML, CSS, JavaScript, mySQL,SQLite, SVN Tortoise*

**Hudson Insurance, Alpharetta, GA**  Jul 2017 – March 2019

**Python Developer**

Hudson Insurance 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:

* Made Django based app for insurance premium calculations.
* 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.
* Designed and developed data management system using MySQL.
* Practiced in Agile environment for project planning and maintained source code with Git

*Environment: Python 3.5, Django, HTML, CSS, JavaScript, mySQL, jQuery, Bootstrap*

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

**Python Developer**

SunTrust Bank's primary businesses include deposits, lending, credit cards, as well as trust and investment services. 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:

* 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.
* Familiar in updating, accessing and version controlling the code using Git.

*Environment: HTML5, CSS3, Bootstrap, Django REST Framework, Python Unit test, PyCharm, Ubuntu*

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

**Python Developer**

The United Health Group's Web Products project involved developing various web-based applications like 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:

* 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 web services.
* Used Ajax calls to build dynamic websites.
* Written numerous Django templates for page rendering.
* Develop dynamic webpages using HTML, CSS, JavaScript and AJAX.

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