**Ankit Panta**

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**Professional Summary:**

* Well-disciplined individual with 6 years of IT experience as a Python Developer and have handful of experience in coding with analytical programming using **Python 2.7/ 3.4 & 3.6** with frameworks such as **Django 1.9/ 1.10 &2.0**, **Pyramid,** **Flask, ZOPE**.
* Experience in developing consumer-based custom features and application development using Python, Django, HTML, CSS, JavaScript and Bootstrap.
* Experienced in Software Development Life Cycle and architecting scalable platforms, object-oriented programming, database design and agile methodologies.
* Experienced in **Object-Oriented** design and coding.
* Good knowledge of various **Design Patterns**, **Collections** and **UML** concepts byusage in **python**.
* Strong Experience in web-based **UI** design and interface development using HTML**, DHTML, CSS, Bootstrap, JavaScript, JQUERY, AJAX** and **JSON**.
* Worked on front end frame works like **Bootstrap** for responsive webpages.
* Worked on several python packages like **NumPy, SciPy, Matplotlib & Beautiful Soup.**
* Experience in implementing **Model View Control (MVC)** architecture using **Server-side** application like **Django, Flask and Pyramid** for developing web applications.
* Experience with **Web Development, Web Services, Python** and the **Django** framework.
* Proficient in using editors **Atom, Visual Studio Code, Ju PyCharm, PyScripter, Notepad++** **and Sublime Text** while developing different applications.
* Experience configuring and developing with different Database servers including **MySQL, SQLite and MongoDb.**
* Building R reports and charts using RStudio and Shiny.
* Experience in various stage of **Software Development Life Cycle(SDLC)** includes requirements, analysis, design, development, deployment and testing of an application for business outputs.
* Worked with **Agile-based SDLC (Scrum)** and **Waterfall** **software development life cycle.**
* Familiar with Cross Browser Testing and Debugging.
* Experienced in installing, configuring, testing, modifying and deploying applications.
* 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.
* Expert in maintaining technical documentation for projects.

**TECHNICAL SKILLS**

**Programing Language:** Python 2.7, Python 3.6, typeScript, javaScript.

**Frameworks:**  Django, Flask, Pyramid, Unittest, Pygame.

**Web Technologies:** HTML/HTML5, CSS/CSS3, BOOTSTRAP, XML, JavaScript, jQuery, AJAX, JSON.

**Scripting Language:** HTML, HTML5, XHTML, JavaScript, CSS, XML, AJAX, JSON.

**Python Libraries: R**equests, Numpy, Matplotlib, Copy

**Database:** MySQL, SQLite, Mango DB.

**Operating Systems:** Windows, Python, SQLite Linux, MAC.

**IDE:** Eclipse, WebStorm, PyCharm, Pystudio, Pyscripter, Sublime, Jupyter, VS code, Atom.

**Web Server:** Amazon AWS, HTTP Server.

**Testing Tools:** UnitTest

**Version Control:** Git and SVN.

**PROFESSIONAL EXPIRENCE**

**Client: Walt Disney Inc,**

**Location: Burbank CA**

**Date: Oct 2016 – Sep 2018**

**Role: Python Developer**

**Description:** Worked on development of employee support and complains registration system for Disney Burbank. This is an Employee feedback and complains management system.

**Responsibilities:**

* Implemented business logic using Python 3.6.
* Used **Python, Django** and **Zope** frameworks to develop applications.
* Used **HTML, CSS, JavaScript** and **jQuery** and Implemented **AJAX** for dynamic functionality of a webpages for front end applications.
* Worked on front end frame works like Bootstrap for responsive webpages.
* Implemented **SQL** Alchemy which is a python **ORM** library for complete access over SQL.
* Used Pandas library for statistical Analysis using R Studio.
* Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for projects.
* Used Python library Beautiful Soup for web scrapping.
* Worked on Python OpenStack APIs and used **NumPy** for Numerical analysis.
* Used **AJAX** and **jQuery** for transmitting **JSON** data objects between frontend and controllers.
* Implemented monitoring and established best practices around using elastic search.
* Installed and configured monitoring scripts for **AWS EC2** instances.
* Worked with the design team for project structure.
* Created a Git repository and added the project to GitHub.
* Wrote Python scripts to parse **XML** and **JSON** documents and load the data in database.
* All projects adhered to agile principles to deliver commitments, meet acceptance criteria and ensure fast releases.
* Handled all the client-side validation using Python Forms**.**

**Environment:** Linux and Mac, Python/Django, Python/Zope, Django Forms, HTML, JavaScript, CSS, jQuery, AJAX and BOOTSTRAP, REST, SQLite, R-Studio, Elastic Search, SQL, Ubuntu.

**Client: Whirlpool Corporation,**

**Location: Stockton CA**

**Date: Jan 2015– Oct 2016**

**Role: Python Developer**

**Description:** Responsible for the design, development and support of the Web-based content. Provided support to integration efforts between the company’s content provider and the technology environments.

**Responsibilities:**

* Responsible for designing, coding and developing the application in **Python** using **Django** **MVC.**
* Designed and developed base classes, framework classes and re-usable components.
* Designed web pages using **JavaScript/ HTML/CSS/Bootstrap.**
* Made use of inheritance concept to reuse different methods in most of the developed classes.
* Developed multiple web applications using **Django** Framework.
* Performed client-side validations using **JavaScript** and server-side validations using various other frameworks.
* Embedded **AJAX** in UI to update small portions of the web page avoiding the need to reload the entire page.
* Used packages like dplyr, tidyr and ggplot2 in R Studio for data visualization and generated scatter plot and high low graph to identify relation between different variables.
* Actively involved in analysis of the system requirements specifications and involved in client interaction during requirements specifications.
* Developed and tested many features for dashboard using **Django, Bootstrap, CSS** and **JavaScript.**
* Performed Unit testing, Integration Testing,
* Involved in designing mobile search application system requirements and coded back-end and front-end in **Django/Python.**
* Interactive in providing change requests, trouble reports and requirements collection with the client.
* Experience in using **Git, GitHub**, and **Amazon EC2** and deployment using **Heroku.**
* Designed and developed Web services using **XML** and **jQuery**.
* Participated actively in unit testing, integration testing and **GUI**.

**Environment:** Django, HTML, CSS, Bootstrap, JSON, SVN, MySQL, R-Studio, Heroku, GitHub, UNIX, and Virtualization, Unittesting.

**Client: Nordstrom**

**Location: Seattle, WA**

**Date: July 2012 – Jan 2015**

**Role: Python Developer**

**Description:** Nordstrom, Inc. is a leading fashion specialty retailer based in the U.S. This project deals with online customer shopping portal. This website taking care of wide range of products for the customers to buy online.

**Responsibilities:**

* Created Python and Bash tools to increase efficiency of call center application system and operations; data conversion scripts, AMQP/Rabbit MQ, REST, JSON, and CRUD scripts for API Integration.
* Used Celery with Rabbit MQ, MySQL, Django, and Flask to create a distributed worker framework.
* Recording of Scripts (Web, Web Services HTML) using Vugen and Soap UI and script validation through co correlations, parameterizations and other methods. Scripting- web and web services.
* Application was based on service-oriented architecture and used Python 2.7, Django1.5, JSF 2, Ajax, HTML, CSS for the frontend.
* Created server monitoring daemon with Psutil, supported by Django app for analytics which I created. Also researched big data solutions with Cassandra database.
* Experience with Data migration from Sqlite3 to Apache Cassandra database. Cassandra data model designing, implementation, maintaining and monitoring using DSE, Dev Centre, Data stax Ops center.
* Build the Silent Circle Management System (SCMC) in Django, Python, and Node.JS while integrating with infrastructure services.
* Created a Python/Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/JQuery and High Charts for data visualization of the served pages.
* Strong Socket programming experience in Python. Implemented complex networking operations like race route, SMTP mail server and web server.
* Used existing Deal Model in Python to inherit and create object data structure for regulatory reporting.
* Used standard Python modules e.g. csv, robot parser, iter tools, pickle, jinja2, lxml for development.
* Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, HTML, CSS, JavaScript, Bootstrap, JQuery and RESTAPI calls.
* Automated RabbitMQ cluster installations and configuration using Python/Bash.
* Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
* Deployed the project into Heroku using GIT version control system.
* Built various graphs for business decision making using Python mat plotlib library.
* Fetched twitter feeds for certain important keyword using python-twitter library.
* Used Python library Beautiful Soup for web scrapping to extract data for building graphs.
* Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team.
* Executing regression tests on each release and verified bugs found from automation test in Bugzilla.
* Planning, implementing, and converting manual test cases to automation test cases.
* Trained extensively in agile methodologies and implemented by participating in scrum stand ups, Kanban mode, discussing and implementing requirements with clients.

**Environment:** Python, Django, Cassandra, RabbitMQ, Vugen, Soap UI, Node.JS, REST API, Bash, PyDev, Spyder, Agile.