**Ankit Panta**

**Professional Summary:**

* Well-disciplined individual with 3 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**.
* Excellent knowledge of Machine Learning, Mathematical Modeling and Operations Research along with R, **Python**, **MATLAB**, and Relational databases. Deep understanding & exposure of Big Data Eco-system.
* 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.
* Experienced in building data models using **machine learning** techniques for Classification, Regression, Clustering and Associative mining.
* 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**
* 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.

**Machine Learning**:Linear and Logistic regression, Tree-based Models, SVM, PCA, Clustering, Naïve Bayes, Feature Selection, Classification Trees,

k-nearest Neighbors, ROC Curve

**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.
* Designed object model, data model, tables, constraints, necessary stored procedures, functions, triggers, and packages for projects.
* Built models using Statistical techniques like Bayesian HMM and **Machine Learning** classification models like **SVM**, and **Random Forest**.
* 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.
* Validated the machine learning classifiers using ROC Curves and Lift Charts.
* 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, 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.
* 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, Heroku, GitHub, UNIX, and Virtualization, Unittesting.