**Vikram Doppalapudi**

**Python/Django Developer (267) 702-3677 vikramd069@gmail.com**

* **7+ years** of experience in systems analysis, design, development and implementation in Client/Server technology.
* Experience in application development using **Python, Django, JavaScript, Oracle, PostgreSQL and SQLite.**
* Strong Experience in web based UI design and interface development **using JSP, HTML, DHTML, CSS, Bootstrap, JavaScript, Angular JS, Backbone JS, JQUERY, AJAX** and **JSON.**
* Expertise in developing different web applications implementing the Model-View-Controller (**MVC**) architectures using Full stack frameworks such as **Django, Zope** and **TurboGears.**
* Strong knowledge in Non-Full-Stack frameworks such as **Pyramid, Flask** and **CherryPy.**
* Has good knowledge on NoSQL databases like **Cassandra, MongoDB** and **Couch DB**.
* Hands-on experience in building web and enterprise applications in various domains like Health, Banking/Financial Services, Insurance, Public Sector, and Software Service verticals.
* Worked on various control systems such as **GIT, SVN** and **CVS.**
* Good knowledge of web services with protocols **SOAP** and **REST.**
* Experience with **ORM**'s such as Django and SQLAlchamy, database design and normalization.
* Sound experience in Python, **Object Oriented programming** and **Multithreading.**
* Worked on automation using the **Python scripting language, Git** on **Cygwin32** and **XML**.
* Expertise in Build Test Tools such as **Apache Gump**.
* Knowledge on OpenStack software open source **cloud computing** software.
* Experience in using **Git, GitHub,** and **Amazon EC2** and deployment using Heroku.
* Worked on **JIRA** for bug tracking and communicating for better results.
* Sound experience on **J2EE** concepts such as Exceptional Handling, Inheritance and **JDBC**.
* Worked on Libraries such as **PyJamas** and **Jython** and followed the best practice of Python such as PEP-8.
* Experience in Agile software development- a framework that delivers customer collaboration and interaction with processes and tools.
* Has good knowledge in algorithm complexities, parallelism and distributed systems.
* Worked on various Integrated Development Environments like **PyDev, PyCharm, PyScripter** and **NINJA-IDE**.
* Substantial Experience with server-side technologies including relational databases (**Oracle, MySQL, DB2, SQL Server and PostgreSQL**), RESTful services and MVC design patterns.
* Excellent team player, very dynamic, flexible with positive attitude and excellent learning skills.
* Willing to relocate: Anywhere. Authorized to work in the US for any employer.

**Professional Experience**:

**Plains Capital Bank, Dallas, TX** August 2015 to Present

Python/Django developer

Responsibilities:

* Designed front end and backend of the application using **Python Django** Web Framework
* Used HTML, CSS, ASP.Net, AJAX, JSON designed and developed the user interface of the website.
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
* Used JavaScript and JSON to update a portion of a webpage.
* Develop consumer based features and applications using Python, Django, HTML, Behavior Driven Development (BDD) and pair based programming.
* Rewrite existing Python/Django modules to deliver certain format of data.
* Responsible for debugging the project monitored on JIRA (Agile)
* Wrote Python scripts to parse JSON documents and load the data in database.
* Used JQuery for the data manipulations on client side.
* Leveraged CSS Bootstrap for development of Web applications.
* Used GIT version control and deployed project to Heroku
* Worked on development of SQL and stored procedures for normalization and renormalization in MYSQL.
* Build SQL queries for performing various CRUD operations like create, update, read and delete.
* Skilled in using Collections in Python for manipulating and looping through different user defined objects.
* Engaged in Design, Development, Deployment, Testing, and Implementation of the application.
* Worked in development of applications especially in UNIX environment and familiar with all its commands.

Environment: Python 3, Django 1.10, HTML5, CSS, JSON, MySQL, JavaScript, JQuery, CSS, Bootstrap, MS SQL Server, T-SQL, Git, GitHub, Linux, Shell Scripting.

# Digital River, Minnetonka, MN Oct 2014 to July 2015

Django/Python Developer

Responsibilities:

* Participated in all the stages of software development lifecycle like design, development, and implementation and testing.
* Django Framework that was used in developing web applications to implement the model view control architecture.
* For database access Django API's/Models have been used.
* Business logic implementation, data exchange, XML processing and graphics creation has been done using Python and Django.
* Views and Templates were developed with Python and Bash scripting and to create a user-friendly website interface Django's view controller and template language is used.
* Developed UI using CSS, HTML, JavaScript, AngularJS, JQuery and JSON.
* Developed a multi-threaded C++ SOAP web service application to process XML Requests with a scheduler option to run things at dedicated times.
* Microsoft SQL Server Stored Procedures and Python Scripts were designed and developed for Data Import/Export and Conversions.
* A Django dashboard with custom look and feel for end user has been created after a careful study of the Django admin site and dashboard.
* Unit Test Python library was used for testing many programs on Python and other codes.   
   JIRA was used to build an environment for development.
* Different testing methodologies like unit testing, Integration testing, web application testing were performed.
* For the extraction of data from the database various queries were written and a database was created using MYSQL.
* To build and populate DB and to ensure the standards the team of QA was also collaborated.
* For sending and receiving the data between multiple systems RESTful Web-Services were implemented.
* Features for dashboard were developed and tested using CSS, JavaScript, Django, and Bootstrap.
* Git repository was created and added to GitHub project.
* An application was developed in Linux environment and dealt with all of its commands.
* Performance and consistency being the main factors of consideration the code was tuned.
* Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time.

Environment:  Python 2.7, Django 1.6, Java Script, HTML, XHTML, Angular JS, JQuery, JSON, XML, CSS, MySQL, Bootstrap, Git, Linux

# Inova Hospital, Falls Church, VA Jan 2014 to Sep 2014

# Python/Django Developer

Responsibilities:

* Analyzed system requirements specifications and involved in client interaction during requirements specifications.
* Worked through the Software development life cycle (SDLC) of the tracking systems requirements, gathering, Analysis, Detail Design, Development, System Testing and User Acceptance Testing.
* Developed methods for Create, Read, Update and Delete (CRUD) in Active Record.
* Designed the user interactive web pages as the front end part of the web application using various web technologies like HTML, RHTML, JavaScript, Angular JS, Backbone JS, JQuery and implemented CSS framework Bootstrap for better appearance and feel.
* Knowledge of cross-browser and cross-platform development of HTML and CSS based websites in Windows like IE 6, IE 7, IE 8 and FF.
* Used AJAX to modify small portions of the web pages by sending a request to the server avoiding the need of reloading the entire web page.
* Interactive in providing change requests, trouble reports and requirements collection with the client.
* Implemented MVC architecture in developing the web application with the help of Django framework.
* Involved in writing SQL queries and implementing the Functions, Cursors and Triggers.
* Data model design and writing stored procedures.
* Developed remote integration with third party platforms by using RESTful web services.
* This involves designing database model for the entire application like creating tables, views and stored procedure with PL/SQL programming.
* Used many regular expressions in order to match the pattern with the existing one.
* Improved code reuse and performance by making effective use of various design patterns.
* Created most important Business Rules which are useful for the scope of project and needs of customers
* Creating database schema for MySQL Database and helped to draw ER-Diagrams using Microsoft Visio.
* Designed low-level and High-level documentation for entire application, this involves in designing.
* Deployment of the web application using the Heroku server.
* Experience in debugging and troubleshooting programming related issues.

Environment: Django, HTML, RHTML, AJAX, CSS, Bootstrap, SQL, RESTful, JavaScript, Angular JS, Backbone JS, JSON, JQuery, MySQL, Heroku, Git.

**TDS**, Chicago, IL Dec 2012 to Dec 2013

Python/Django

Responsibilities:

* Responsible for designing, coding and developed the application in Python using Django MVC.
* Designed and developed base classes, framework classes and re-usable components.
* Made use of inheritance concept to reuse different methods in most of the developed classes.
* Developed multiple web applications using Django Framework.
* 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.
* MVC framework for the back-end while the front-ends were built using the Blueprint CSS Framework and HTML.
* Performed Unit testing, Integration Testing 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.

**Comed,** Philadelphia, PA Nov 2011 to Nov 2012

Python Developer

Responsibilities:

* Used data types like dictionaries, tuples and object oriented concepts based inheritance features for making complex algorithms of networks.
* Worked with the design team for project structure.
* Worked on data exchange from website using XML, Python and Web Services.
* Performed Design, involved in code reviews and wrote unit tests in Python.
* Implemented the presentation layer with HTML, DHTML, AJAX, CSS and JavaScript.
* Involved in writing stored procedures using Oracle PL/SQL.
* Optimized the database queries to improve the performance.
* Developed in Windows and going to deploy it in Linux server.
* Responsible for testing, debugging, bug fixing and documentation of the system.
* Developed JUnit test cases and performed integration and system testing.
* Implemented Python components and deployed under the Web Logic server.
* Designed and developed Web services using XML and JQuery.
* Participated actively in unit testing, integration testing and GUI.

**Environment-** Python 2.7, Java Script, CSS, HTML, AJAX, XML, JQuery, Oracle 9i, PL/SQL, Bugzilla

**Pixels Infotech**, Hyderabad India Oct 2008 to Aug2011

**Python developer**

Responsibilities:

* Performed requirements study, analysis and review of the specifications.
* Extensively used OOP's concepts in overall design and development of the system.
* Developed user interface using JSP, JavaScript, JQuery and HTML.
* Extensively worked on Python scripting and development. Used CSS for designing Web pages, XHTML and XML markup.
* Implemented Servlets to handle HTTP requests for on-line requests, credit card payments, registration and bug tracking.
* Using XML for dynamic display of options in select box and description on web page.
* Performed database operations and queries using MySQL.
* Designed complex application database SQL statements for querying, updating and reporting using Python Database Connector.

**Environment:** Python 2.6, Java Script, HTML, XHTML, XML, CSS, MySQL, PL/SQL.

EDUCATION

# Bachelor of Technology in Electrical and Electronics Engineering

JNTU University

**Technical Skills:**

Frameworks: **Django**

Web Technologies: **HTML, CSS, Bootstrap**, **Java Script**, JQuery, AJAX, XML, JSON

Languages: **Python**, C/C++, SQL and PL/SQL.

J2EE Technologies: JSP, Java Servlets, JDBC

Version Control: SVN, CVS, Git.

Developer Tools: PyCharm, PyScripter, PyDev, JDeveloper, PL SQL Developer.

Application servers: WebSphere, WebLogic, Apache Tomcat, JBoss, Oracle.

Operating Systems: Windows, Linux, UNIX, Solaris, Ubuntu

Protocols: TCP/IP, HTTP/HTTPS, SOAP, SMTP

Deployment Tools: Heroku, Amazon ec2