

Ryan Bulson
Mob: <Number here> Email: <Email Here>

PROFESSIONAL SUMMARY

- 5+ years of SOFTWARE DEVELOPMENT EXPERIENCE in Python and Java. IDEs - Sublime text, PyCharm, Eclipse, PyDev. Highly experienced in all phases of Software Development Life Cycle(SDLC). Expert in Web application development.
- Written with object-oriented Python, Flask, SQL, Beautiful Soup, HTTPLIB2, JINJA2, HTML/CSS, BootStrap, Jquery, Linux, Sublime Text, GIT.
- Developed the required XML schema documents and implemented the framework for parsing XML documents.
- Technical experience in supporting applications which use an object-oriented programming language (Python). Experience in using Pandas python libraries during development lifecycle. Excellent experience with Python development under Linux OS (Ubuntu). Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers.
- Developed the applications using DJANGO 1. 7 MTV framework which is based on model template view design pattern.
- Extensively used DJANGO technologies, which includes forms, templates and orm for communication with database in different forms.
- Extensively used interceptors, validators, actions using DJANGO1. 7 framework.
- Used perforce version control system and Python Tools for Visual Studio(PTVS) IDE.
- Created APIS, database model and views utilization python in order to build responsive web page application.
- Developed views and templates with Python and DJangos view controller and templating language to create a user-friendly website interface.

TECHNICAL SKILLS

Programming Languages	Python, C, SQL, HTML, Java Script, XML.
Web Technologies	Django, Flask
UI Development	HTML, CSS, JavaScript.
Web Services and XML Technologies	SOAP, Restful
Databases	MySQL, Oracle.
IDE Tools	Eclipse PyDev, PyCharm, Sublime Text 3
Configuration	CVS, SVN.
Operating Systems	Linux, Windows 10
Protocols	SOAP, HTTP, FIX.

PROFESSIONAL EXPERIENCE

Company Name

May '18 – Till date

Java Developer

Project: Shelf Automated Replenishment (SAR)

SAR is automation of existing manual process helping Store Manager for faster and accurate order creation for replenishment. It is important tool to remove manual overload of store manager for replenishment of high velocity SKUs. It also automates Purchase Order creation. Above threshold orders will be held for Analysts approval. SAR automatically takes care of Store Shelf Replenishment and PO generation. Store Manager may update the values if needed, which

may need Administration approval if necessary.

Responsibilities:

- Analysis and design of SAR Specification.
- Responsible for the implementation of **Python Django web module** to get Replenish Order and Update Order.
- Implemented Order Creation **Python** batch to read SKU store table data.
- Used **shell script** to execute daily batch operation.
- Purchase order messages are generated for Admin approval using messaging and **ActiveMQ**.
- **Developed presentation layer using Angular JS, XML, JavaScript and HTML.**
- Unit testing is done using **Junit**.

Environment: Python Django Web Service, MySQL, ActiveMQ, Python Unit testing, HTML, Angular JS

Company Name

April '17 – April 18

Java Developer

Project: MediaComSys – MySim Activation

MCS – Mobile Activation Project deals with Customer Data Input, plan selection, mobile number selection, account creation and bill cycle creation. Project also takes care of verification and validation of the data through third party web services. Project is developed in RESTful API. Also includes ETL batch for billing calculations

Responsibilities:

- Involve in the development of the application using Python 3.3, HTML5, CSS3, AJAX, JSon and JQuery.
- Developed the applications using DJANGO 1.7 MTV framework which is based on model template view design pattern.
- Extensively used DJANGO technologies, which includes forms, templates and ORM for communication with database in different forms.
- Extensively used interceptors, validators, actions using DJANGO1.7 framework.
- Used perforce version control system and Python Tools for Visual Studio(PTVS) IDE.
- Create and write result reports in different formats like txt, csv, xls, and JSon.
- Worked on CSV files while trying to get input from the MySQL database.

Environment: Python Django 1.1, JQuery, HTML5.0, Junit, Agile, Web Service

Corbin Capital Partners, L.P., New York City, NY

Oct' 15 – March' 17

Java Developer

Project: Reconciliation

The system is used for order and trade reconciliation. The system could be configured to accept trade and order files from the clients or access database of client systems. At the end of the day the open order/trade quantities and their particular details would be matched with both the sides and verified for any discrepancies. After comparing two record lists, the reconciliation system generates a list of all non-matching records for client for further user action and modifications. This reconciliation system provides a web user interface to present the result and all the details for client.

Responsibilities:

- Managed, developed and designed a dashboard control panel for customers and administrators using DJANGO, Oracle DB, PostgreSQL and VMWARE API calls.

- Installation, configuration, integration, tuning, backup, crash recovery, upgrades, patching, monitoring system performance, system and network security and troubleshooting of Linux/Unix servers.
- Queried MYSQL database queries from Python using Python-MYSQL Connector and MYSQL DB package to retrieve information.
- Developed wrapper in Python for instantiating multi-threaded application.
- Implemented a login module for user, registration of the products, placing the order and tracking the order.
- Wrote Python routines to log into the websites and fetch data for selected options.
- Designed email marketing campaigns and created interactive forms that saved data into database using DJANGO framework.

COMIT Systems Engineers LTD, India

March '06 – May'09

VLSI Engineer –Design/Verification

Project: Comit Fiesta Jtag PCI Express Core (CJXC)

Comit Fiesta Jtag PCI Express board is a PCI Express core having JTAG application with 8 JTAG ports. Main application of this board is a testing of JTAG based board. Designed an X1 link Endpoint using Spartan 3 FPGA with 16 bit 125 MHz speed. It is interfaced with Philips PX1011A PHY chip which works with 8 bit 250 MHz speed. Endpoint is having transaction layer, data link layer and physical layer. Transaction layer generates completion packets which are sent in response to Root Complex's memory/configuration, read/write transactions. Enhanced with master capability to initiate memory, read/write transaction with limited DMA capability.

Responsibilities:

- Involved in complete study of PCI Express and done design of PCI Express layer interface with PX1011A PHY chip.
- Complete module level testing for Physical layer core.
- Involved in functional verification of Transaction and Data Link Layer.
- Involved in verification flow like Synthesis, Place and Route.
- Involved in on Board testing of CJXC.

Environment: XC3S 1000 FG676 FPGA, PX1011A, Xilinx ISE, TCL, Verilog.

EDUCATION

- B.S. Electronics