**Ankur**

**Email:**  [**ankur698g@gmail.com**](mailto:ankur698g@gmail.com)

**Python Developer**

**Ph: 857-444-0730**

**PROFESSIONAL SUMMARY:**

* Professional **8** years of experience as a Web/Application Developer and coding with analytical programming using **Python, Django, Flask and C++, BIG DATA.**
* Experience object oriented programming (OOP) concepts using **Python, C++** and **PHP**.
* Experienced in developing web - based applications using **Python**, **DJANGO, BIG DATA, GTK, QT,** C++,**XML**, **CSS3**, **HTML5**, **DHTML**,**JavaScript**and **JQuery.**
* Experience with Web Development, **Amazon Web Services**, **Python**and the **Django**framework.
* **Open-source ESB**, **BIG DATA**, **REST**, **APIs** and **cloud integrations** in **Python.**
* Very good experience with cloud platforms like **Amazon AWS** and **Google App Engine**.
* Experienced in installing, configuring, modifying, testing and deploying applications with **Apache**and**Siebel**.
* Experienced in MVW frameworks like **Django**, **Angular.js, Java Script**, **backbone.js, JQuery**and **Node.js.**
* Familiar with **JSON**based **REST**Web services and **Amazon Web services.**
* Experienced in developing Web Services with **Python**programming language.
* Involved in Design, Development, Testing, Automation, Enhancement and Maintenance of Applications and Tools.
* Experienced in installing, configuring, modifying, testing and deploying applications with **Apache**.
* Experience in creating Open stack services for Identity, Compute, Image Service, Block Storage, Networking (Neutron, Keystone).
* Good knowledge of web services with protocols **SOAP** and **REST.**
* Experienced in WAMP (Windows, Apache, MYSQL and Python/PHP) and LAMP (Linux, Apache, MySQL, Python/PHP) Architecture.
* Experienced in Python's modules **numpy, matplotlib**etc for generating complex graphical data, creation of histograms etc.
* Experienced in developing web-based applications using **Python, Django, PHP, XML, CSS, HTML, Java Script and JQuery.**
* Experienced in installing, configuring, modifying, testing and deploying applications with **Apache.**
* Experienced in developing **Web Services** with Python programming language.
* Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on **SQL** and **PostgreSQL**database.
* Worked in agile and waterfall methodologies with high quality deliverables delivered on-time.
* Maintained detailed documentation and architectural solutions in IT infrastructure and sales systems.
* Very strong full life cycle application development experience.
* Experience with continuous integration and automation using Jenkins
* Experience with Unit testing/ Test driven Development (**TDD**), Load Testing.
* Developed the required **XML** Schema documents and implemented the framework for parsing **XML** documents.
* Experience of using Python modules like **NumPy, Matplotlib, Pickle, Pandas, SciPy, wx Python, PyTables**, **PyQt**, etc., for generating complex graphical data, creation of histograms, etc.
* Experience in project deployment using **Heroku**, **Jenkins** and Amazon Web Services (**AWS**).
* Worked on various Operating Systems like **UNIX, Linux, Windows**, and **Mac OS**.
* Experienced with Unit Testing, System Integration Testing (**SIT**) and User Acceptance Testing (**UAT**).
* Extensively worked on **Spark SQL, Dataframes, RDD's** to improve the performance of the application.
* Worked in SDLC, Waterfall, Test driven development (**TDD**) and **Agile**/**Scrum** Methodologies
* Involved in Unit testing and Integration testing.
* Extensive use of Linux (Ubuntu),**SSH, Flask/Django**
* Developed **ColdFusion** Components, custom tags and modified **CF** Objects.
* Worked on **AJAX** framework to transform Datasets and Datatables into **HTTP**-serializable JSON strings.

**EDUCATION:**

Bachelors in Computer Science

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Language** | Python, C++, C, Core Java. |
| **Operating System** | Windows, Linux, Mac OS. |
| **Database** | MySQL, SQL Server, Oracle and MongoDB. |
| **Web Technologies** | HTML5,CSS3, AngularJS, JavaScript, XML, jQuery, Bootstrap, PHP. |
| **Application Servers** | Web Sphere, Apache Tomcat. |
| **Frameworks** | Django, web2py, PyJamas, Jython, Bootstrap. |
| **Design Technologies** | IBM Rational Rose XDE, Microsoft Visio 2003/2005 |
| **Testing Tools** | JIRAand Selenium. |
| **Protocols** | UDP, TCP, IP, SMTP, DHCP, VLAN, IPV4 and IPV6. |
| **Version Control Tools** | Git, SVN, GitHub. |
| **Debugging Tools** | Python (PDB), Firebug, Bugzilla, JIRA. |
| **IDE’s/ Development Tools** | PyCharm, NetBeans IDE, Eclipse IDE, IntelliJIDE. |
| **Methodologies** | Scrum, Agile, SDLC. |
| **Automation Tools** | Ansible, Puppet, Chef. |

**PROFESSIONAL EXPERIENCE:**

**Baxter Deerfield, IL Aug 2017- Till Date**

**Python Developer**

**Description:** Baxter International Inc. is a Fortune 500 American health care company with headquarters in Deerfield, Illinois. The company primarily focuses on products to treat hemophilia, kidney disease, immune disorders and other chronic and acute medical conditions. The company had 2017 sales of $10.6 billion, across two businesses: BioScience and Medical Products. Baxter's BioScience business produces recombinant and blood plasma proteins to treat hemophilia and other bleeding disorders; plasma-based therapies to treat immune deficiencies and other chronic and acute blood-related conditions; products for regenerative medicine, and vaccines

**Responsibilities:**

* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
* Developed tools using**Python, Shell scripting, XML** to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
* Developed Business Logic using **Python**on **Django**Web Framework.
* Developed views and templates with **Python**and **Django's**view controller and templating language to create a user-friendly website interface.
* Used **Django** Database API's to access database objects.
* Use**d JQuery** and**Ajax**calls for transmitting**JSON** data objects between frontend and controllers.
* Involved in building database Model, APIs and Views utilizing **Python,**in order to build an interactive web based solution.
* Used**Python** based GUI components for the front end functionality such as selection criteria,
* Created test harness to enable comprehensive testing utilizing **Python.**
* Used **Amazon Web Services** (AWS) for improved efficiency of storage and fast access.
* Added support for Amazon **AWS S3** and**RDS** to host static/media files and the database into **Amazon Cloud.**
* Involved in front end and utilized **Bootstrap** and **Angular.js** for page design.
* Created Data tables utilizing**PyQt** to display customer and policy information and add, delete, update customer records
* Used**PyQuery** for selecting particular **DOM** elements when parsing **HTML.**
* Used **Wireshark, live http headers**, and **Fiddler2**debugging proxy to debug the **Flash**object and help the developer create a functional component.
* Used **Pandas API** to put the data as time series and tabular format for east timestamp data manipulation and retrieval.
* Having very good experience with **BIG DATA**
* Created Business Logic using **Python** to create Planning and Tracking functions
* Created UI Screens for initiation and validation.
* Worked on UI using **HTML5, CSS3** and **Java Scripts.**
* Developed multi-threaded standalone app in **Python** and **PHP to** view performance.
* Used **Pandas** library for statistical Analysis.
* Developed tools using **Python**, **Shell scripting,** XML to automate some of the menial tasks.
* Working in team of Architects and Developers to build and deploy **Python Flask Peewee Linux AWS.**
* Version control using GITHub.
* Involved in writing stored procedures using **MySQL.**
* Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.

**Environment:** Python, Django, Shell Scripting, AWS, Pandas, PyQt, PyQuery, Wireshark, Flash, DOM, JSON, PHP, HTML5, CSS3, AJAX, JavaScript, Angular.js, Bootstrap, Apache Web Server, MYSQL, GitHub, LINUX.

**MetLife NJ May 2016 - July 2017**

**Python Developer**

**Description**: MetLife offers solutions and guidance to help customers meet their goals and navigate life's twists and turns. MetLife, Inc. is the holding corporation for the Metropolitan Life Insurance Company, better known as MetLife, and its affiliates. MetLife is among the largest global providers of insurance, annuities, and employee benefit programs, with 90 million customers in over 60 countries.

**Responsibilities:**

* Participated in requirement gathering and worked closely with the architect in designing and modeling.
* Developed entire frontend and backend modules using **Python** on **Django Web Framework**.
* Developed tools using **Python**, **Shell scripting**, **XML, BIG DATA**to automate some of the menial tasks.
* Used **PyQt** for the functionality filtering of columns helping customers to effectively view their transactions and statements. Implemented navigation rules for the application and page.
* Performed testing using **Django’s Test Module**.
* Used**Django** configuration to manage URLs and application parameters.
* Involved in Web development, programming, and engineering**Django**, **UWSGI** and **SQL** internal admin tools behave BDD.
* Used **Python** and **Django** to interface with the **JQuery UI** and manage the storage and deletion of content.
* Developed a fully automated continuous integration system using **Git, Jenkins, MySQL**and custom tools developed in **Python**and **Bash.**
* Designed and managed API system deployment using fast http server and **Amazon AWS**architecture
* Creation of **Python** scripts for data access and analysis (Scripts, DataFeeds, XLS, FIXML) to aid in process and system monitoring, and reporting.
* Rewrite existing Java application**in Python** module to deliver certain format of data.
* Wrote **Python** scripts to parse XML documents and load the data in database.
* Generated property list for every application dynamically using **Python.**
* Also used**Bootstrap** and **Angular.js**as a mechanism to manage and organize the HTML page layout.
* Responsible for **search engine optimization** to improve the visibility of the website.
* Designed and developed the UI of the website using **HTML5, XHTML, AJAX, CSS3, BIG DATA and JavaScript.**
* Handled all the client side validation using JavaScript.
* Designed and developed data management system using **MySQL**.
* Created a **Git**repository and added the project to **GitHub.**
* Build development environment with **JIRA.**
* Creating unit test/regression test framework for working/new code.
* Using Subversion version control tool to coordinate team-development.
* Responsible for debugging and troubleshooting the web application.

**Environment:** Python, Django, Java, Angular.js, Bootstrap, AWS, Bash, PyQt, XML, Shell Scripting, MySQL, HTML, XHTML, CSS, AJAX, JavaScript, Jenkins, Apache Web Server, Linux.

**Wells Fargo, Charlotte, NC Jan 2015 - Apr 2016**

**Python Developer**

**Description:** Wells Fargo & Company is an American international banking and financial services holding company headquartered in San Francisco, California, with "hubquarters" throughout the country.

**Responsibilities:**

* Participated in the complete **SDLC**process and used **PHP** to develop website functionality.
* Designed and developed the UI of the website using HTML**, XHTML, AJAX, CSS, BIG DATA** and**JavaScript**.
* Developed entire frontend and backend modules using **Python** on **Django** Web Framework.
* Designed and developed Use-Case, Class and Object Diagrams using **UML Rational Rose** for **Object Oriented Analysis**/**Object Oriented Design techniques**.
* Designed and developed data management system using **MySQL**. Built application logic using **Python 2.6**.
* Used **Django** APIs for database access.
* Provided **GUI** utilizing **PyQt** for the end user to create, modify and view reports based on client data.
* **Angular.js** is used to build efficient backend for client web application.
* Used Python to extract information from **XML** files.
* Expertise in **Service Oriented Architecture** (SOA) and its related technologies like Web Services, **BPEL**, **WSDLs, SOAP1.1, XML, XSD, XSLT** etc.
* Participated in requirement gathering and worked closely with the architect in designing and modeling.
* Worked on development of **SQL** and stored procedures on **MYSQL**.
* Developed shopping cart for Library and integrated web services to access the payment (E-commerce)
* Designed and developed a horizontally scalable **API**s using **Python Flask**.
* Designed **Cassandra schema** for the APIs.
* Implemented monitoring and established best practices around using elastic search.
* Effectively communicated with the external vendors to resolve queries.
* Used **GIT** for the version control.

**Environment:** Python, Django, HTML5, CSS3, JavaScript, jQuery, Bootstrap, MySQL and Pycharm IDE.

**Hudson Insurance - Alpharetta, GA May 2013-Dec 2014**

**Python Developer**

**Description:** Member Million Dollar Round Table President's Club Qualifier University of GeorgiaBBA, Insurance National Association of Insurance & Financial Advisors Golden Triangle Qualifier Ambassadors for Life Qualifier 43 years State Farm Agent, Manager, and Exec

**Responsibilities:**

* Worked with team of developers on **Python** applications for RISK management.
* Made **Django** web based apps for Insurance premium calculations.
* Designed the architecture of the hardware environments and methodology of the code
* Done Job scheduling, batch-job scheduling and process control, forking and cloning of jobs and checking the status of the jobs using shell scripting.
* Used **Python OS** module on **UNIX**environment, made job cloning and forking.
* Responsible for **search engine optimization** to improve the visibility of the website.
* Handled all the client side validation using **JavaScript.**
* Involved in 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.
* Involved in testing **RESTFull API** like Twilio, Facebook and Twitter.
* Designed and developed data management system using **MySQL.**
* Involved in **Agile**Methodologies and SCRUM Process.
* Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.

**Environment:** Python, Django, XML, Java, Apache, CSS, MySQL, JSON, DHTML, HTML, JavaScript, Shell Scripts, agile, Restfull, UNIX and Windows..

**Baya Tree Infocom Pvt Ltd, India** **Dec 2011-Apr 2013**

**Java Developer**

**Description:** BayaTree is an innovative software and technology services company. Clients use our mobile and cloud‐based applications to implement business strategies, improve operations, and enhance competitiveness. Our Healthcare solutions help providers capture and analyze data, improve quality of care, and ensure regulatory compliance.

**Responsibilities:**

* Responsible for planning, designing with **ER Studio** and coding.
* Designed and developed Site Hierarchy interface and other GUI Screen applications with java.
* The User interface for setting-up the website creation tool, configuration settings, pop-up Windows were coded in **JAVA, DHTML and JavaScript**.
* Developed Presentation tier as **Java** **Server** Pages implementing in **servlets**
* Implemented presentation logic in **JSPs, Servlets**.
* Developed **Servlets** and designed **web.xml** for the **servlets**
* Implemented Validation framework for field validations.
* Threads scheduling is used for the calendar tool.
* Developed extensible **XLST** procedures for handling navigational trees of any depth.
* Involved coding and review of the system.
* Migrated Image Viewer component for add -on features.
* Involved for preparation of user entry screens and web forms.
* Client side validations were done using **JavaScript**.
* Worked on writing **PL/SQL** Stored Procedures using **Oracle**. Used **JDBC** for connectivity.

**Environment:** Java, J2EE, JDBC, Servlet, DHTML, Apache Tomcat, XLST, JSP, JavaScript, Oracle, Windows.

**Team Global Logistic - Hyderabad, India** **Feb2010-Nov2011**

**Web Developer**

**Description:** Team global is an integrated Logistics services provider headquartered in India. We are offering services in multiple segments of logistics Viz. Sea Freight, Airfreight, Project Cargo Transportation, Cargo Terminals and Coastal Shipping. It has 18 offices in India, Bangladesh, Kenya and Tanzania.

**Responsibilities:**

* Participated in requirement gathering and analysis phase of the project in documenting the business requirements by conducting workshops/meetings with various business users.
* Designed and developed the UI of the website using **HTML, XHTML, AJAX, CSS, jQuery, JSON** and **JavaScript**.
* Also used **Bootstrap** as a mechanism to manage and organize the html page layout.
* Rewrite existing **Python** module to deliver certain format of data.
* Used **Django** Database API’s to access database objects.
* Wrote **python** scripts to parse XML documents and load the data in database.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams.
* Worked on adding advanced security features such as cipher class, RSA for application and checked cross-browser compatibility issues with Firefox, Google Chrome, Internet Explorer.
* Designed the user interfaces using **HTML5** and **CSS**.
* Used **JavaScript** for validations.
* Used Eclipse IDE for writing code for JSP, Action Classes.
* Worked with **JDBC** for Database connectivity.
* Used Apache Tomcat Application Server to deploy the application.
* Resolved all **browser compatibility** issues by writing unit test cases.

**Environment:** HTML5, Python, CSS3, JavaScript, jQuery, Bootstrap, PHP, MySQL and Eclipse IDE, Xampp.