

Python Developer Python Developer Python Developer - Baxter Deerfield, IL Professional 6 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, matplotlibetc 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.

Work Experience Python Developer
Baxter - Deerfield, IL July 2018 to Present
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. Used 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. Python Developer MetLife Trenton - Trenton, NJ June 2016 to June 2018 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. Python Developer Wells Fargo - Charlotte, NC February 2015 to May 2016 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 APIs 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. Python Developer Hudson Insurance - Alpharetta, GA October 2014 to January 2015 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 July 2012 to September 2014 Java Develop 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. Education Bachelor's Skills Android, Javascript, MySQL, ASP

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