

Sr. Python Developer Sr. Python Developer Sr. Python Developer - T-Mobile Palo Alto, CA Over 8+ years of experience Analyzing, Developing, Managing and implementing various stand-alone, client-server enterprise applications using Python, Django, Java and mapping the requirements to the systems. Well versed with Agile with SCRUM, Waterfall Model and Test-driven Development (TDD) methodologies. Experience in developing web applications by using Python, Django, C++, XML, CSS, HTML, JavaScript and jQuery. Good experience in developing web applications implementing Model View Control (MVC) architecture using Django, Flask, Pyramid and Python web application frameworks. Experience in implementing with server-side technologies with restful API and MVC design patterns with node JS and Django framework. Experience in working with number of public and private cloud platforms like Amazon Web Services (AWS), Microsoft Azure, Rackspace Cloud and Open stack. Extensive experience in Amazon Web Services (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Elastic Search, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon CloudFront). Proficient in SQLite, MySQL and SQL databases with Python. Experienced in working with various Python IDE's using PyCharm, PyScripter, Spyder, PyStudio, PyDev, IDLE, NetBeans and Sublime Text Good experience in using WAMP (Windows, Apache, MYSQL, and Python/PHP) and LAMP (Linux, Apache, MySQL, and Python/PHP) Architectures. Experience with Requests, Pysftp, Gnupg, Report Lab, NumPy, SciPy, Pytables, Python-Twitter, Matplotlib, HTTPLib2, Urllib2, Beautiful Soup, Data Frame and Pandas python libraries during development lifecycle. Hands-on experience in handling database issues and connections with SQL and NoSQL databases like MongoDB, Cassandra, Redis, CouchDB, DynamoDB by installing and configuring various packages in python. Experienced in working on Application Servers like WebSphere, WebLogic, Tomcat and Web Servers like Apache server, NGINX. Expertise in working with GUI frameworks-PyJamas, Jytha, guidata, PyGUI, PyQt, PyWebkitGtk. Experienced in developing Multi-threaded web services using CherryPy & BottlePy framework. Good Knowledge in writing different kinds of tests like Unit test/Pytest and build them. Experienced with version control systems like Git, GitHub, CVS, and SVN to keep the versions and configurations of

the code organized. Expertise in Build Automation and Continuous Integration tools such as Apache ANT, Maven, Make, Jenkins/Hudson, Anthill Pro, Bamboo, Cruise Control, and TeamCity. Strong experience in developing Web Services like SOAP, REST, Restful with Python programming language. Experienced in writing SQL Queries, Stored procedures, functions, packages, tables, views, triggers using relational database like Oracle, DB2, MySQL, Sybase, PostgreSQL and MS SQL server. Good familiarity with Networking Technologies such as TCP/IP, UDP, FTP, DNS, DHCP, SNMP, TFS, and all Networking Layers (Layer 1 to Layer 7). Experience in using Docker and Ansible to fully automate the deployment and execution of the benchmark suite on a cluster of machines. Good Experience in Linux Bash scripting and following PEP-8 Guidelines in Python. Experience in building applications in different operating systems like Linux (Ubuntu, CentOS, Debian), Mac OS. Strong working experience with the Testing tools such as Nose, Selenium (IDE, WebDriver, and RC), Cucumber, JUnit, QUnit, Karma, Jasmine, SoapUI etc. Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment. Experienced in MVW frameworks like Django, Angular.js, Java Script, JQuery and Node.js. Expert knowledge and experience in Object oriented Design and Programming concepts. Work Experience Sr. Python Developer T-Mobile - Palo Alto, CA May 2017 to Present Responsibilities: Developed Consumer-based custom features and applications using Python, Django, and HTML. Experienced with Software Development Life Cycle, Database designs, agile methodologies, coding, testing of enterprise applications and IDE's such as Jupiter Notebook, PyCharm, Emacs, WebStorm, IntelliJ and Visual Studio. Having good experience in MEAN Stack (Mongo DB, Express.js, Angular.js, and Node.js) applications. Experienced with Python Libraries Beautiful Soup, NumPy, Pandas data frame, Matplotlib, python-twitter, urllib2. Experience in developing web-based applications using Python, Django, PHP, AngularJs, Reactjs, C++, XML, CSS, HTML, JavaScript and jQuery. Extensive experience in designing and implementing various web applications in WAMP (Windows, Apache, MySQL, PHP). Extensive experience in designing and implementing various web applications in both LAMP (Linux, Apache, MySQL, PHP) Environments. Working with backend python automation, CI pipelines,

Docker and cloud provisioning/automation. Experience with Django and Flask a high-level Python Web framework. Experienced in MVC frameworks like Flask and Pyramid and MVT framework like django. Experience in Implementation of MVC/ MVW architecture using Servlet, Django, and RESTful, SOAP web service and SOAPUI. Experience and understanding of React Redux life cycle with components and rendering to DOM. Good experience in Shell Scripting, UNIX commands. Experience in developing applications in Linux Environments such as Red Hat, CentOS, Ubuntu. Good Experience in Linux Bash scripting and following PEP Guidelines in Python. Experience in working with Relational DB (RDBMD) like SQLite, MYSQL Workbench, PostgreSQL and No-SQL database MongoDB for database connectivity. Experience in analyzing and handling large datasets using Oracle Relational database. Having experienced in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL, PL/SQL and PostgreSQL database. Basic Knowledge on JSON based REST Web services and Amazon Web services. Basic knowledge on Rest API and JSON Parsing, jQuery and Angular JS Experience in building frameworks in Python for Test Automation. Excellent Experience in Code Refactoring and Udeploy. Solid ability to code in JavaScript. Thorough knowledge in various front-end tools like HTML, JavaScript, XML, jQuery and AJAX. Experience in Bash Shell Scripting, SQL and Java Full stack web development using Python. Having Good Experience in Object Oriented Concepts with C# and Python. Extensive experience in using Python/Perl to code and design various phases for data processing pipeline. Experienced on Installation, Integration and Configuration of third party tools, Content Management System (CODEIGNITER, Zend, Laravel, Smarty). Good knowledge on IBM WebSphere Application Deployment and maintenance of an application on Application Server using clusters concept and IBM Tivoli Monitoring. Good knowledge in various phases of SDLC Requirement Analysis, Design, Development and Testing on various Development and Enhancement Projects. Experienced in Agile Methodologies and SCRUM process including Sprint planning, backlog grooming, Daily Standups, Code review, Pert Chart, Gant Chart. Good Experience in error and exceptional handling. Followed Agile Methodologies (Scrum) involved in daily stand-up meetings. Managed windows servers which included Active Directory maintenance

and support Hands on experience with bug tracking tools such as JIRA and Bugzilla. Developed and designed e-mail marketing campaigns using HTML, JavaScript and CSS. Maintained customers relationship management databases (MySQL / PostgreSQL) Unit testing for the entire code and fixing bugs in unit testing Wrote AJAX framework to transform Datasets and Data tables into HTTP-serializable JSON strings. Experienced in working with different operating systems like Windows, Ubuntu, Linux and UNIX. Proven ability in working with Shell scripting for designing automation framework. Experience in writing test plans, test cases, test specifications and test coverage. Familiar with Agile and Waterfall development methodologies. Environment: Python, Django, Web Framework, HTML5, CSS3, Bootstrap, MongoDB, Linux, Javascript, JQuery, AJAX, JSON, Sublime Text, Jira, Git, Django-cms, SSO, database access,Django-cms plugins, Bootstrap, Agile, Eclipse, Weblogic, GitHub, Junit, Agile, UML, JSP, Xml, SOA. Sr. Python Developer Morgan Stanley - New York, NY November 2015 to April 2017 Responsibilities: 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. Involved in front end and utilized Bootstrap and Angular.js for page design. Used Django Database API's to access database objects. Used Query and Ajax calls for transmitting JSON data objects between frontend and controllers. 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. 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 Fiddler 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 fast 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. 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 pythonon Django Web Framework. Developed views and templates with pythonand Django's view controller and templating language to create. Responsible for creating company's internal platform called DCAE by using python to develop and test the components. Worked with various Python libraries such as Six, Click, Pandas and Matplotlib for analysis and manipulation of data. Used Click package to create the command line interface. Designed Docker proof-of-concept using Hashicorp's Nomad and Consul. Used Consul for Service Discovery and to create Key-Value pair. Wrote Python scripts to parse JSON files and load the data into the Consul. Used Python IDE Pycharm for developing the code and performing unit test. Involved in development using Python, bug fixing. Developed web-based applications using Python, Django, XML, CSS, HTML, DHTML. Developed entire frontend and backend modules using Python on Django Web Framework. Used AWS for application deployment and configuration. Responsible for Design and maintenance of databases using Python. Developed Python based APIs by using Flask, SQL Alchemy and PostgreSQL. Designed, developed, implemented, and maintained solutions for using Git and GitHub for microservice and continuous deployment. Involved in Developing a Restful API'S service using Python Flask framework. Worked on HTML5, CSS3, JavaScript, AngularJS, Node.JS, Git, REST API, intellij IDEA. Development of real-time multi-tasking systems using Python. Created data access modules in python. Environment: Python, Django, Shell Scripting, AWS, Pandas, PyQt, PyQuery, Wire shark, Flash, DOM, JSON, PHP, HTML5, CSS3, AJAX, JavaScript, Angular.js,

Bootstrap, Apache Web Server, MYSQL, GitHub, LINUX. Python Developer Amazon.com - Atlanta, GA November 2014 to October 2015 Responsibilities: Designed email marketing campaigns and created interactive forms that saved data into database using Django Framework. Wrote Python routines to log into the websites and fetch data for selected options. Performed efficient delivery of code based on principles of Test Driven Development(TDD) and continuous integration to keep in line with Agile Software Methodology principles. Worked in Test driven development with Behave in Python. Developed Python Django forms to record data and the Login module page for users. Creating Behave scripts using Gherkin syntax. Used collections in Python for manipulating and looping through different your defined objects. Implemented a login module for user, registration of the products, placing the order and tracking the order. Improving the performance while processing data by modifying functions, queries, cursors, triggers and stored procedures for MySQL database. Worked on Unit testing, Integration testing and Web application testing. Code review using GitHub, testing, fixing of the bugs and coding modifications. Performed research to explore and identify new technological platforms. Developed API modularizing existing python module with the help of pyYAML libraries. Improved performance by using more modularized approach and using more in built methods. Collaborated with internal teams to convert end user feedback into meaningful and improved solutions. Performed data manipulation/storage for incoming test data using lxml /etree libraries. Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page. Wrote unit test cases for testing tools. Enhanced existing automated solutions, such as the Inquiry Tool for automated Asset Department reporting and added new features and fixed bugs. Developed views and templates with python3.6.1 and Django's view controller and templating language to create a user-friendly website interface. 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. 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 pythonon 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. 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, SOAP, 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. 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. 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. Environment: Python, Django, Behave, Puppet Rspec, Jenkins, Grafana/Graphite, MySQL, Linux, HTML, CSS, Bootstrap, JQuery, JavaScript, Apache, Linux, Git, Perl, Cassandra, Azure Automation cloud services. Python Developer IBM - Chicago, IL May 2013 to October 2014 Responsibilities: Created a custom CMS built using Django, AWS, REST, Json with JavaScript, JQuery, AJAX components, worked closely with designer. Converted Photoshop images into XHTML/CSS. Rewrite existing Python/Django modules 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. Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content. Worked extensively with Bootstrap, JavaScript, and query to optimize the user experience. Handled all the client-side validation using JavaScript. Designed and developed data management system using MySQL. Used AWstat and Google Analytics to analyze web traffic. Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript. Created scripts for system administration and AWS using languages such as BASH and Python. Design, develop, test, deploy and maintain the website.

Used Selenium Library to write fully functioning test automation process that allowed the simulation of submitting different web requests from multiple browser to web application. Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. Participated in the complete SDLC process. Responsible for debugging the project monitored on JIRA (Agile). Used JQuery for all client-side JavaScript manipulation. Scalable, database-driven web application development using a variety of frameworks: ASP.NET on C#, Flask on Python, and PHP. Created unit test/regression test framework for working/new code. Implemented multiple high-performance MongoDB replica sets on EC2 with robust reliability. Developed entire frontend and backend modules using Python on Django Web Framework. Responsible for debugging and troubleshooting the web application. Worked on developing a website for a power company. Used to get energy consumption from various customers to store it into a database. Load the data from database to display on customer accounts. Wrote various Python modules to perform back-end operations on the data. Developed graphical interface for users to display in their accounts. Used Python's pandas and matplotlib libraries to conduct data exploration and visualization of electricity consumption data. Created Python scripts for analyzing large quantities of data. Responsible for search engine optimization to improve the visibility of the website. Performed different testing methods like Unit testing, Integration testing, web application testing. Developed efficient Angular.js for client web based application. Maintained detailed databases of energy storage projects and country-specific energy policies. Generated Python Django Forms to record data, login, and signup of users. Built various graphs for business decision making using Python matplotlib library. Utilized standard Python modules such as csv, itertools and pickle for development. Worked on Python OpenStack APIs and used Numpy for Numerical analysis.

Environment: Python, Django, Flashvars, PyUnit, PyQuery, PyQt, HTML, CSS, PHP, DOM, REST, AJAX, JQuery, AWS, GitHub, agile, Oracle and Windows. Python Developer Aetna Group - Dallas, TX May 2011 to April 2013 Responsibilities: Involved in the complete software life cycle (SDLC) to



develop the web application. Coding application using Python, Django in End-to-End Web application development using MVC architecture while front-end is built on CSS3 and HTML5. Used Test Driven Approach for developing the application and implemented the unit tests using Python Unit Test framework called PyUnit. Involved in different layers such as Front and Back end. Developing Web Applications with W3C, XHTML, HTML5, PHP, CSS3 standards and using Python, Django. Worked on Payment Processing which involves monitoring payments and provide required solutions. Designed Database Model for the entire application Creating tables, Views and Stored procedures. Implementation of client side validations using JQuery, Angular JS and ASP.NET MVC Validation implemented at Controller level. Performed Scalable Computing and data analytics of big data. Designed and developed various abstract classes, interfaces, classes to construct the business logic using C# .NET. Created Database Schema for MySQL Database and involved in designing ER-Diagrams using Microsoft Visio. Worked on Restful API's to access the third party data for the internal analysis and statistical representation of that data. Worked on Pandas to import the data, Sort and plot the statistical data using histograms. Worked on Python Scripts to create Excel and CSV files for documenting the Statistical Reports. Used Pandas for Statistical Analysis in the application and Numpy for the advance math functionalities. Experience with Python Libraries such as HTTPLib2, Urllib. Used GitHub for Version Control System and deployed the project code into Heroku. Worked on XML documents based on XML Schema definition (XSD) with python scripts to load the data to database. Used JavaScript for Dynamic Page Functionality, popup screens and the user entry validations. Implemented the presentation layer with HTML, DHTML, Ajax, CSS and JavaScript. Used Django Database API's to access database objects. Wrote python scripts to parse XML documents and load the data in database. Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript. Designed and developed data management system using MySQL. Environment: Python, Django, HTML5, CSS3, Ruby, JIRA, TDD, AJAX, JQuery, Shell scripting, SQL Server JavaScript, AWS, MySQL, Angular JS, Linux, Apache, XML, Git. Python Developer Cardinal Health - Boston, MA May 2009 to April 2011 Responsibilities: Developed entire frontend and backend modules using Java and

Python using Web Frameworks. Design, develop, test, deploy and maintain the website. Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript. Designed and developed data management system using MySQL. Rewrite existing Python/Django modules 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 property list for every application dynamically using python Expertise in HTML/HTML5, CSS/CSS3, JavaScript, JQuery, AngularJS, Node.js, JSON and XML using XML Schema Definition (XSD) Experience in working with different python packages like Pandas, BeautifulSoup, Numpy, Matplotlib, SciPy. Experience working on with Integrated Development Environments (IDE's) like PyCharm, and Sublime text. Experience working on with Amazon Web Services (AWS), Amazon EC2 instances, Load Balancing, Amazon Dynamo DB. Experience in developing Web Applications based on MVC architecture using Python, Django, Flask. Experience in developing web-based applications using Python, Django. Proficient in implementing PEP8 coding standards for all the projects. Expertise in developing Bar-plots, Boxplots, histograms, Grouped plots and Scattered plots. Experienced in NoSQL technologies like MongoDB and relational databases like SQLite, MySQL databases. Worked on Version Control Systems like GitHub, SVN. Experience working with Big Data and exposure to distributed computing platforms like Hadoop. Experience working with Restful Web Services. Have good experience on working with relational databases (RDBMS) and NoSQL Databases like MongoDB. Experience working with SSH client on the Linux Operating System. Experience with Unit testing/ Test driven Development (TDD), Behavior Driven Development, Load Testing. Worked on writing unit testing code using Py-Test and integrated the test code with the build process. Proficient in working on with REST and SOAP Web Services handling XML and JSON data. Expertise on working with the Networking protocols like TCP/IP, HTTP/HTTPS. Experience working with Issue tracking tools like Bugzilla and JIRA. Experience in Agile Development (Iterations and standup meetings etc). Used the best practices of test-driven development, SCRUM, continuous integration, refactoring and code standards. Experience writing custom queries through database connectors. Experience on working with excel sheets and csv

files    Experience on working with Web Servers like Apache, Nginx.    Experience in Test Driven Development (TDD) and Behavior Driven Development (BDD) for enterprise projects. Environment: Python, Struts, Django, MySQL, Linux, HTML, XHTML, CSS, AJAX, JavaScript, SQL, MySQL, Apache Web Server, UNIX. Education Master of Science in Science and Engineering University of Delaware Skills DJANGO (9 years), HTML (9 years), PYTHON (9 years), XML (9 years), AJAX (9 years), Java, Flask, AWS, C, Javascript Additional Information Technical Skills:    Languages: Python, Perl, C, Java, OOPs concepts, VBA, Shell Scripting    Web Technologies: HTML/HTML5, CSS/CSS3, XML, AJAX, jQuery, JSON and Bootstrap    Deployment Tools: Heroku, Amazon EC2, Jenkins    Client side: Java Script, HTML, DHTML    Databases: My SQL, Sqlite3, Mongo DB, SQL Cloud Computing: AWS, EC2, S3    Framework: Django, Flask and Pyramid, Angular JS, Node JS    Operating System: Windows, MacOS, UNIX and Linux    Configuration Management: GitHub, SVN, CVS, Maven.    Tools & IDE: PyCharm, Eclipse, Jupyter Notebook, Sublime Text    Testing Tool: JIRA    Web Services: AWS, Amazon S3    Protocols: TCP/IP, HTTP/HTTPS, SMTP

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