

Sr. Python Developer Sr. Python Developer Sr. Python Developer - Intuitive Insurance Hayward, CA

Senior software Engineer with 5+ years of experience in Development, Analysis, Design, Testing, Deployment. Support and Implementation of various stand-alone, client-server enterprise/ web applications. Worked in software development using Python with Machine learning and Data science Libraries. Experience as a Web/Application Developer as coding with analytical programming using Python Django, Flask, HTML, CSS, JavaScript, XML, JQuery, JSON , Bootstrap, Node.js, Angular.js, Backbone.js, React.js. Proficient in SQL and databases MS SQL, MySQL, Oracle, no-SQL, Mongo DB. Experienced in PHP, Angular JS, VB, C++, XML, CSS, HTML, DHTML, JavaScript and J-Query. Good experience of software development in Python (libraries used: Beautiful Soup, NumPy , SciPy, Matplotlib , MySQL dB for database connectivity. Worked on various applications using python integrated IDEs Sublime Text, PyCharm, Spyder and IntelliJ. Good experience in developing web applications and implementing Model View Control (MVC) architecture using server side applications Django, Flask and Pyramid. Hands-on experience on Linux/Windows in VMware like virtualization environment is a must. Experience using API's in python. Experience with some ORM (Object Relational Mapper) libraries. Understanding of the threading limitations of Python, and multi-process architecture. Experience with automation tools such as Puppet or Chef. Experience with agile development methods like agile/scrum, TDD, BDD, peer code reviews, continuous integration. Excellent knowledge of version control systems like Git, SVN with hands on experience of branching, merging code etc. Developed entire frontend and backend modules using Python on Django Web Framework. Designed and developed data management system using MySQL and used Django API's to access database. Well versed in design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript. Very Good knowledge of version control management tools like GIT for branching and merging and back up. Knowledge of Linux shell environments using command line interface and can build scripts and automated solution using scripting languages such as shell scripting, and Python. Familiar with XML/JSON based SOAP and REST web services. Experience with most of the web scale services on Amazon Web

Services (AWS). Familiar with Querying RDBMS such as My SQL, SQL server and SAS. Skilled in debugging/troubleshooting issues in complex applications. Experienced in working on Application Servers like WebSphere, WebLogic, Tomcat, Web Servers like Apache server, NGINX and Integrated Development Environments like PyCharm, Eclipse. Experience in managing datasets using Panda data frames and MySQL. Experience in implementing Object Oriented Python, Hash Tables (Dictionaries) and Multithreading, Django and MYSQL. Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on SQL database. Authorized to work in the US for any employer Work Experience Sr. Python Developer Intuitive Insurance - Nashville, TN November 2017 to Present Responsibilities: Developed the presentation layer using HTML, CSS, JavaScript, JQuery and AJAX. Used JQuery libraries for all client side JavaScript manipulations. Utilized Python libraries wxPython, numPY, Twisted and matplotlib. Implemented SQLAlchemy which is a python library for complete access over SQL. Worked on Element Tree XML API in python to parse XML documents and load the data in database. Designing and evaluating business using historical & current data from Google Analytics. Managed world wide data in Omniture for data collection and analysis and also worked on the library like pandas, NumPy, SciPy, Docker. Used Robot Test automation framework for Testing of the GUI of the application. Skilled in collections and used for manipulating and looping through different user defined objects. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Created entire application using Python, Django, MySQL and Linux. Used Amazon Elastic Beanstalk with Amazon EC2 to deploy project into AWS. Accessed database objects using Django Database APIs. Worked on Python OpenStack APIs and used Numpy for Numerical analysis. Used Ajax and JQuery for transmitting JSON data objects between frontend and controllers. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from python using Python-MYSQL connector and MySQLdb package to retrieve information. Developed various algorithms for generating several data patterns.

Created UI using HTML, CSS, JavaScript, AJAX, JSON, and JQuery. Implemented business logic using Python Web framework Django. Designed applications implementing MVC architecture in Pyramid, Zope frameworks. Designing mobile search application system requirements and coded back-end and front-end in Python. Analysis and Design of application with the use of Docker. Implemented Model View Control architecture in developing web applications using Django framework. Created backend database T-SQL stored procedures and Jasper. ETL process for continuously bulk importing catalog data into Elastic search. Worked with millions of database records on a daily basis, finding common errors and bad data patterns and fixing them. Exported/Imported data between different data sources using SQL Server Management Studio. Managed large datasets using Panda data frames and MySQL. Wrote and executed various MYSQL database queries from python using Python-MYSQL connector and MySQL dB package. Used Python library NumPy Beautiful Soup for web-scraping. Worked on the Redfish Schema's for PDU products with DMTF board. Developed software for discover and monitoring the different kinds of dell servers, Storage and dell clients using SNMP, WSMAN, REDFISH interfaces. REDFISH API assistance, upgrades, managing and monitoring HPE tools to avoid operational downtime and timely maintenance. Worked on solutions based on Redfish standard. Worked on Redfish API to GET/POST/Patch HP ILO settings. Django Developer Python - Denver, CO September 2015 to October 2017 Responsibilities: Developed front-end and back-end of the application using Python on Django web framework. Automating data movements using Python scripts, involved in splitting, validating and processing of files. Used several Python libraries like NumPy, Matplotlib, Pandas. Performed Software Development Life Cycle, Database designs, agile methodologies, coding, testing of enterprise applications and IDE's such as Jupiter Notebook, PyCharm, Emacs, Web Storm, IntelliJ and Visual Studio. Build all database mapping classes using Django models. Used the RESTFUL web services to get the JSON object (response) and manipulated the JSON object to display the response in the webpage. Involved in redesigning the process, Analysis, coding, testing and implementing. Extensively worked on developing UI components using Angular JS and JSON to interact Restful web services.

Used Pandas library for statistical Analysis, flexible reshaping and pivoting of data sets.

Created entire application using Python Django, MySQL and Linux. Created Several XML Schemas and Developed Stored PL/SQL. Procedures and Packages to automatically create and drop table indexes. Generated Python Django forms to record data of online users and used Python in MySQL database on queries and writing stored procedures for normalization and denormalization. Managed Ubuntu Linux and windows virtual servers on AWS EC2 using open-source chef server. Migrated the applications from internal data centre to AWS. Skilled in using collections in Python for manipulating and looping through different user defined objects.

Delivering deliverables on time by working on agile and waterfall methodologies. Experience in HTTP, DNS, and TCP/IP Networking Protocols. Used Django for framework for accessing various consumer data from various sources. Environment: Python 2.7, MySQL, Python Scripts, Oracle, JavaScript, MongoDB, AWS EC2, Django, NumPy, GIT HUB. Python Developer Shell June 2013 to August 2014 Responsibilities: Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and jQuery. Developed the project in Linux environment. Provided to coordinate data for pipeline tie-in locations at facilities. Developed entire frontend and backend modules using Python on Django Web Framework. Worked on Python OpenStack APIs and used NumPy for Numerical analysis. Created interactive data charts on Customer portal web application using High charts JavaScript library with data coming from Apache Cassandra. Fetched twitter feeds for certain important keyword using Python-twitter library. Used Python library Beautiful Soup for Web scraping to extract data for building graphs. Worked in MySQL database on simple queries and writing Stored Procedures for normalization. Implemented responsive vector maps and charts on webpages using the data from MongoDB. For the large data management used TFS and delivered reliable end-product. Learned to index and search/query large number of documents inside Elastic search. Updated the client admin tool to have the new features like support for internalization, support for customer service etc. Environment: Python 2.7, Django, Java Script, jQuery, MySQL, HTML, CSS, Linux, Sub Version, Beautiful Soup, NumPy, AJAX. Education B.Tech

Anna university - Chennai, Tamil Nadu August 2009 to May 2013 Skills MySQL, Javascript
Additional Information TECHNICAL SKILLS Python, Java, Android, C, C++, html, css, javascript,
bootstrap, MySQL, node js, JSON, DJANGO, PYTHON , AWS cloud, Python Django Web
Framework. Web Technologies HTML/HTML5/CSS, PHP, JavaScript, XML, JSON. Web
Framework Flask, Django, Pyramid, Hibernate. Development Tools PyCharm, Notepad++, SVN,
Sublime, Slack, SQL Alchemy. Python Libraries Pandas, Numpy, urlilib, Matplotlib, JSON, CSV,
XML, XLS , Unit Test, SciPy, Logging etc. Methodologies Agile, SCRUM and Waterfall.
Databases Microsoft SQL Server, Oracle, MySQL, Cassandra, PostgreSQL and NoSQL database
MongoDB. Version Controls Git, SVN, CVS, Sub version. Web Services CPS, Message
Queue, AWS, SOAP, RESTful Webservices. Other Tools Eclipse, ANT Build, Putty, Visual
Studio. Web and Application Servers: JBoss, Apache Tomcat, Web Sphere, Web Logic, Nginx.
Scripting Languages: Python, Java, HiveQL, Advanced PL/SQL, SQL, IDE's Splunk, Eclipse/Net
Beans.

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