

Sr. Python Developer Sr. Python Developer Tampa, FL Experienced Senior Python Developer with more than 7 years of hands on approach in development and testing using different technologies like Python, RESTApi, AWS, C, C++, and SQL. Expert knowledge in many python packages including Numpy, matplotlib, Pandas, scikit-learn, PySide, Django, Flask etc. Very strong experience writing API's/ and Web Services in PHP and in Python. Strong Experience in working with Python Latest version 3.x Responsible for ORM transitioning from PostgreSQL to MongoDB using Mongo Engine library. Complex systems with batch and real-time workloads, monitoring and instrumenting production systems. Develop Extract-Transform-Load (ETL) packages using SSIS to insert datasets to SQL server and generate project reports using SSRS and SQL. Strong Experience with Windows GUI Automation such as Pywinauto. Hands on Experience in building scalable data and advance analytics solutions on AWS. SQL Reference Mapper, using Regular Expressions Successfully mapped over a hundred thousand SQL references inside of SQL Object source code, VB code, SSRS reports, and DTS packages. Worked on various applications using python integrated IDE Eclipse, PyCharm, NetBeans, Geany. Experience in developing web applications and implementing Model View Control (MVC) architecture using server-side applications like Django, Flask and Pyramid. Strong Experience in working with code version tools such as CVS, GIT, SVN. Expertise in working with different databases like Microsoft SQL Server, Oracle, MySQL, Cassandra, PostgreSQL and Good knowledge in using NoSQL databases MongoDB. Worked with PHP, MYSQL, CSS, JavaScript, AJAX and XHTML to build a fully Web 2.0 compliant networking website. Excellent working knowledge in UNIX and Linux shell environments using command line utilities. Application Stress tester, created and stress tested stand-alone, web-applications and generated graph reports. Experience working in both water fall and Agile software methodologies. Familiarity with development best practices such as code reviews, unit testing, system integration testing (SIT) and user acceptance testing(UAT). Possess good interpersonal, analytical presentation Skills, ability to work in Self-managed and Team environments. Performed code reviews and implemented best Pythonic programming practices Authorized to work in the US for any employer Work Experience Sr. Python Developer Tampa, FL

January 2016 to Present Responsibilities: Create Python application to process very large Amazon AWS billing datasets in memory using Pandas, Numpy, Generators, Lambdas, etc. Creation of RESTful API in conjunction with AngularJS frontend for unified administration of server operations in object-oriented Python using Flask and Flask-Restful Worked with a team of developers to create a domain-knowledge representation system that inspects large amounts (> 10 TB) of web and proprietary data and aggregates information with intelligent meta-tagging. Developed statistical natural language processing techniques and user feedback metrics to discover semantic and cross-domain relationships within data. SQL Naming Conventions Enforcement, Using Python; Stored Procedures created a server job that enforces naming conventions for all SQL objects. Worked with Lucene, EC2, Apache, Python, Scala, Perl, AWS and T-SQL to keep data current and keep knowledge representation models relevant to user experience. Worked to improve scalability of data aggregation by automating smart scheduling of aggregation tasks and clustering techniques across EC2 instances. Developed robust and scalable Information Retrieval techniques to improve accuracy of meta-tagging and generate a controlled vocabulary for knowledge representation. Built Analytics KPI engine using Python and PIG, running on 5 TB of data Developed custom built query script to store, index and read large sets of Object data. Senior developer for a highly scalable and reliable service-tier application which integrates with core e-commerce platform for digital media across entire fulfillment cycle. Developed web platform to be scalable, secure, rich-featured site and CMS. Platform also incorporated ad serving and predictive / reactive scaling. Python Developer Wells Fargo - Charlotte, NC October 2013 to December 2015 Responsibilities: Convert Microsoft SSIS budget application to object-oriented python application using SQLAlchemy (Database ORM), MySQL, Pandas which interfaces with PHP front-end. Creation of web solutions for very large datasets using Python (Flask), SQLAlchemy Data mining large (100,000-50,000,000 records) Amazon Redshift and MySQL databases Creation of RESTful APIs, JSON for data management and analysis Unify large datasets across multiple departments (creation of unification algorithms), API and web front-end. Development of responsive interfaces for master data project using JQuery and Twitter Bootstrap Use Amazon

Redshift, Python and Matplotlib to do data mining on census information. Backend Python (Flask) development in the area of massive data de-duplication Javascript applications to interface with Oracle CRM on Demand Python Developer Ericsson - Piscataway, NJ November 2011 to September 2013 Responsibilities: Prototyped Web - based data reporting in VB .NET. Rapid Prototyping with Python for Document Classification. Provided advanced software research and development for high performance, low-latency platform. Created time sensitive scripts to parse to large sets of serialized, unstructured data objects (30 Million +), filtering and reducing data into functional reports. Developed algorithms to quantitatively analyze financial data quality. Built a metadata API that incorporated product information from a feed of digital and physical assets. Performed cryptanalysis to create strategy for generating unforgeable codes. Constructed API so that multiple sites can access platform for sales and marketing for analytics. Design of programming of frontend responsive web interfaces Design and build interfaces to display data in intuitive ways Software Developer Samhitha Technologies May 2010 to August 2011 Responsibilities: Document classification software evaluation with Concept Classifier. Developed several custom scripts to aid in document classification. Developed methodology for file classification using various software tools and scripts. Backend development of using Python / Django of product implementation Frontend development of product mockups using JavaScript and JQuery and responsive web techniques Design mockups using Adobe products Use Python to convert Xilinx FPGA board farm management (Bash) scripts to more manageable application with web frontend. Compile Linux kernels for embedded systems Help automate design, test and build processes Develop scripts for regression tests Skills Bootstrap (2 years), Database (2 years), Javascript (3 years), JQuery (3 years), Python (7 years) Additional Information Technical Skills: Programming Languages Python, C, C++, JavaScript and Core Java. Operating Systems Windows 10/XP/2000/Vista/7, RedHatlinux, Windows server 2008, 2012, IBM AIX, Ubuntu. Python Libraries Python, Django, Flask, Beautiful Soup, httplib2, Jinja2, HTML/CSS, Bootstrap, jQuery, Numpy, PySide, Scipy, wxPython, PyTables, Pandas, DataFrames Development tools Sublime Text, Eclipse, emacs, gvim, Notepad++, OpenGrok, Jenkins, Coverity, pylint, pdb, gdb, Tableau

Databases Microsoft SQL Server, Oracle, MySQL, MS Access, PostgreSQL and NoSQL database  
MongoDB Version Controls cvs, svn, Git, GitHub Methodologies Agile, SCRUM and Waterfall.

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