Sr. Python Developer Sr.Python Developer Sr. Python Developer - Sony Corp Miami, FL - I am working in IT industry for more than 8 years and have been into lead role for two of my recent project. I am good with backend and worked with Numpy, Scipy for numerical analysis and for MVCs I have worked on django 1.6/2.0 version. I do have hands on experience in working on map reduce algorithm, Tensor flow and NN building. I have good command in the python scripting and python programming from scratch to go live I have worked on each segment of project development. Technical Summary:-   Good experience in Python in creating scalable and robust applications along with other technologies.   Experienced in Python based MVC frameworks - Django, Flask. Good knowledge in Python coding and JSON.   Skillful experience in Python by developing software's using new tools, libraries used: libraries Numpy, Scipy, PySide, twitter, matplotlib, Pickle, Pandas data-frame, MySQL dB for database connectivity) to improvise software development process.   Mastering in implementing MVC architecture using Django for web based applications in OOP concepts like Multi-Threading, Exception Handling and Collections.   Proficient in developing Web Services (SOAP, RESTful) in Python using XML, JSON.   Solid understanding in Design Patterns, MVC, Python Algorithms, Python Data Structures.   Good knowledge in NoSQL platform, such as MongoDB, and Couch base.   Experienced in WAMP and LAMP Architecture.   Extensive use of Linux (Ubuntu), SSH, Flask/Django.   Good understanding on Bit Bucket and GIT version control system.   Strong knowledge with REST API development.   Experience with Agile and SDLC methodologies.   Highly proficient in analytical problem solving skills.   Experienced with full software development life-cycle, designing and architecting scalable platforms, object oriented programming, database design and agile methodologies.   Experienced in MVC frameworks like Django.   Experience object oriented programming (OOP) concepts using Python   Experienced in WAMP (Windows, Apache, MYSQL, Python /PHP) and LAMP (Linux, Apache, MySQL, Python /PHP) Architecture.   Experienced in Python's modules like Numpy, regular expressions, collections, dates & times and OS modules.   Experienced in developing web-based applications using Python, Django.   Developed Python based API (RESTful Web Services) to track the events and perform analysis using Django.   Supported/maintained client website within the DJANGO CMS

system for various website needs   Created Python and Bash scripts to monitor & increase efficiency of retail management application system and operations.   Developed a Django CMS based promotion management system offering the ability to created arbitrary forms through an admin interface.   Part of team implementing REST API's in Python using python based micro-framework called Flask with SQL Alchemy in the backend for management of data center resources on which OpenStack would be deployed. Work Experience Sr. Python Developer Sony Corp - New York, NY December 2016 to Present Responsibilities:-   Generously practiced on data cleaning and ensured data quality, consistency, integrity using Pandas, NumPy.   Generalized linear models, Poisson regression, and single and multiple linear regressions.   Principal components analysis, common factor analysis, and linear discriminate analysis.   Other machine learning models, including support vector machine.   Developing test automation framework using python and SeeTest APIs   Genetic algorithms and heuristic modeling for non-differentiable problems,   Cluster analysis and unsupervised learning.   Used pandas, Numpy, Scipy, Matplotlib, Scikit-learn in Python for developing various machine learning algorithms.   Development of automation of Kubernetes clusters..   Used Python Libraries to write fully functioning test automation process.   Built various graphs for business decision-making using Python matplot library   Worked on Python OpenStack APIs and used Numpy for Numerical analysis.   Managed datasets using Panda data frames and MySQL, queried MySQL database queries from Python using Python -MySQL connector MySQL package to retrieve information.   Used Hive to store the data and perform data cleaning steps for huge datasets.   Scraped and retrieved web data as JSON using Scrapy, presented with Pandas library.   Automating Jenkins to create Docker Images and push to container repository.   Scheduled, deployed and managed container replicas onto a node cluster using Kubernetes.   Automated the existing scripts for performance calculations using NumPy.   Used Python (Numpy, Scipy, Pandas) to develop variety of models and algorithms for analytic purpose   Processing, cleansing, and verifying the integrity of data used for analysis before ingestion.   Data mining, optimization algorithms to analyze data on top of Hadoop/Hive.   Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation

and retrieval. Environment: Python, React, Automation, Python 3.x, Scipy, Neural network, Kubernetes ,Flask, Lambda ,Django 1.4, Angular, ORM , Elastic Search, GitHub, Linux, Pandas, Shell Scripting. Lead Python Developer Nvidia INC - Santa Clara, CA October 2014 to October 2016 Responsibilities:- Developed views and templates with Python and FLASK view controller & Templating language to create a user-friendly website interface. Ensured high quality data collection and maintaining the integrity of the data. Prediction of Time Series Financial Data using LSTM for Algorithmic Trading by Tensorflow. Object Detection for Full Motion Video with TensorFlow. Object Detection with Nvidia DIGITS. Implemented a CNN (neural network) for detecting invasive animal species using thermal images (Tensorflow) Image creation using Generative Adversarial Networks in Tensorflow and Nvidia DIGITS Established DevOps protocols, integrated collaborative Git, and deploying fully tested production features Worked on rebranding the existing web pages to clients according to the type of deployment. Used many regular expressions in order to match the pattern with the existing one. Configuring and managing Openstack components such as keystone, nova, neutron, glance, swift, Heat. Implemented monitoring and established best practices around using elastic search. Developed views and templates with DVC and template language to create a user-friendly web interface. Developed and tested many features for dashboard using Python and Bootstrap. Used Python (Numpy, Scipy, Pandas, Scikit-Learn, Seaborn), and Spark 2.0 (PySpark, MLlib) to develop variety of models and algorithms for analytic purposes Familiar with MongoDB clusters, performance, backup and recovery. Worked on Migrating data from Django ORM to MySQL database with complete data integrity. Implemented client-side Interface using React JS. Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from. Python using Python-MySQL connector MySQLdb package to retrieve information. Implemented Mock REST API using express framework in Node JS Experience in using Scikit-Learn and Stats models in Python for Machine Learning and Data Mining. Development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both

customers and internal customer service team.   Environment: Python 3, Django 1.6, React, Angular, Docker, Ansible, , XML, MySQL, microservices, Pandas, Scipy, AJAX, Flask, Oracle SQL Server, SQL, JavaScript GITHub. Python Developer Inpensa INC - Edison, NJ September 2012 to July 2014 Responsibilities:-   Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and JQuery. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.   Managed local deployments in Kubernetes, creating local cluster and deploying application containers.   Used REST based microservices with REST template based on RESTful APIs and designed, developed the UI for the client.   Experience in streaming the data between Kafka and other databases   Experienced with databases using ORMs/DOMs for integrating with MySQL, PostgresSQL, MongoDB.   Working with backend python automation, CI pipelines, Docker and cloud provisioning/automation.   Developing server based web application to determine patient journey using Flask.   Generating various capacity planning reports (graphical) using Python packages like Numpy, matplotlib.   Scheduled, deployed and managed container replicas onto a node cluster using Kubernetes.   Worked in design and developing Application leveraging MongoDB.   Experience working with real-time streaming solutions using Kafka.   Developed internal API's using node.js, and used MongoDB for fetching the schema.   Worked on Node.js for developing server-side web applications.   Refactor Python/Django modules to deliver certain format of data.   Used Bootstrap front-end framework for faster and easier web development with MySQL.   Built the web application by using Python, Django, AWS, J2EE, Postgre SQL, MySQL, Oracle 10g and MongoDB.   Image manipulation backend services for real time use as RESTful API   Automated the existing scripts for performance calculations using Numpy and SQL alchemy.   Performed debugging and troubleshooting the web applications using Git as a version-controlling tool to collaborate and coordinate with the team members   Development of Python APIs to dump the structures in the Processor at the failure point for debugging.   Created a Single Page Application module using Angular JS to manage payee list for customers. Developed AngularJs controller's services, factories, and custom directives.

Environment:- Python, Django, XML,chef, Java, AWS, Kafka, Angularjs, CSS,PostgreSQL, MySQL, JSON, DHTML, HTML, JavaScript, Shell Scripts, agile, Microservices, Restfull , UNIX and Windows.

Python Developer Cephalon - Frazer, PA March 2010 to August 2012 Responsibilities:- Representation of the system in hierarchy form by defining the components, subcomponents using Python and developed set of library functions over the system based on the user needs. Experience in creating JavaScript for using DML operation with MongoDB.   Usage of advance features like in python for sharing the information across the applications.   Used Selenium Library to write fully functioning test automation process that allowed the simulation of submitting different requests from multiple browsers to web application.   Used Amazon Web Services (AWS) for improved efficiency of storage and fast access.   Created tables utilizing PyQtto display customer and policy information and add, delete, update customer records.   Done Job scheduling, batch-job scheduling and process control, forking and cloning of jobs and checking the jobs using shell scripting.   Developed Lambda scripts to automate ETL Jobs   Used Python OS module on UNIX environment, made job cloning and forking.   Handled all the client side validation using maven and Jenkins with python.   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.   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, chef, Java, Angularjs, MySQL, JSON, DHTML, Shell Scripts, lambda, agile, Restfull, UNIX and Windows.

Java Developer Equifax - Atlanta, GA May 2008 to February 2010 Responsibilities:-   Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.   Managed local deployments in Kubernetes, creating local cluster and deploying application containers.   Used REST based microservices with REST template based on RESTful APIs and designed, developed the UI for the client.   Scheduled, deployed and managed container replicas onto a node cluster using Kubernetes.   Worked in design and

developing Application leveraging MongoDB. Developed internal API's using node.js, and used MongoDB for fetching the schema. Worked on Node.js for developing server-side web applications. Refactor Python/Django modules to deliver certain format of data. Used Bootstrap front-end framework for faster and easier web development with MySQL database, Node.js as the backend. Development of Python APIs to dump the structures in the Processor at the failure point for debugging. Environment: C, C++, HTML, ORM, CSS, PL/SQL, Linux and Windows, Python, Linux, HTML, CSS, Django, Infomatica, OOA/OOD. Education Bachelor's Skills DJANGO (9 years), PYTHON (9 years), XML (6 years), MYSQL (9 years), MONGODB (8 years) Additional Information Technical Summary:- Good experience in Python in creating scalable and robust applications along with other technologies. Experienced in Python based MVC frameworks - Django, Flask. Good knowledge in Python coding and JSON. Skillful experience in Python by developing software's using new tools, libraries used: libraries Numpy, Scipy, PySide, twitter, matplotlib, Pickle, Pandas data-frame, MySQL dB for database connectivity) to improvise software development process. Mastering in implementing MVC architecture using Django for web based applications in OOP concepts like Multi-Threading, Exception Handling and Collections. Proficient in developing Web Services (SOAP, RESTful) in Python using XML, JSON. Solid understanding in Design Patterns, MVC, Python Algorithms, Python Data Structures. Good knowledge in NoSQL platform, such as MongoDB, and Couch base. Experienced in WAMP and LAMP Architecture. Extensive use of Linux (Ubuntu), SSH, Flask/Django. Good understanding on Bit Bucket and GIT version control system. Strong knowledge with REST API development. Experience with Agile and SDLC methodologies. Highly proficient in analytical problem solving skills. Experienced with full software development life-cycle, designing and architecting scalable platforms, object oriented programming, database design and agile methodologies. Experienced in MVC frameworks like Django. Experience object oriented programming (OOP) concepts using Python Experienced in WAMP (Windows, Apache, MYSQL, Python /PHP) and LAMP (Linux, Apache, MySQL, Python /PHP) Architecture. Experienced in Python's modules like Numpy, regular expressions, collections, dates & times and OS modules. Experienced in developing web-based applications

using Python, Django.   Developed Python based API (RESTful Web Services) to track the events and perform analysis using Django.   Supported/maintained client website within the DJANGO CMS system for various website needs   Created Python and Bash scripts to monitor & increase efficiency of retail management application system and operations.   Developed a Django CMS based promotion management system offering the ability to created arbitrary forms through an admin interface.   Part of team implementing REST API's in Python using python based micro-framework called Flask with SQL Alchemy in the backend for management of data center resources on which OpenStack would be deployed.

Name: Nancy Francis

Email: michaelgoodwin@example.com

Phone: 001-505-810-1197