Python Developer Python Developer Python Developer - Eli Lilly Indianapolis, IN   Having 7+ Years of Experience as web/application developer software development and design using python, Django, Java, Webapp2, Angular.js, HTML/CSS, JavaScript and jQuery   Experienced in writing Sub Queries, Stored Procedures, Triggers, Cursors, Subroutines, functions on SQL, PL/SQL and PostgreSQL database.   Experienced in understanding principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations   Good knowledge in working with application server - Apache Server, Tomcat (6.0, 7.0, 8.0), Nginx, WebLogic (10.0, 10.3, 11g), WebSphere (7.0, 8.5).   Created a python, Django web-based application using Python scripting for data processing and MySQL for database, HTML, CSS, jQuery for data visualization.   Experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts   Expertise in MVW frameworks like Django, Angular JS, JavaScript, jQuery and Node JS.   Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.   Ability to work on own initiative and as a part of team. Willingness to learn new Technologies, openness to new ideas and ability to learn very quickly.   Proficient in Front end development experience using Python 3.6/2.7, Django 1.7/1.8, HTML, XML, CSS, JavaScript, Bootstrap, JQuery, JSON and, Angular.js, Node.js.   Using Amazon EC2 command line interface along with Bash/ Python to automate repetitive work.   Designed and managed API system deployment using fast HTTP server and Amazon AWS architecture.   Involved in designing and developing of Automation Test cases using Selenium WebDriver, Java, and TestNG. Development, Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes.   Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer. Working experience in UNIX and Linux shell environments using command line utilities.   Creating Python scripts to automate daily networking tasks (Ex. auto Config generation, retrieving information from network devices, parsing data, etc.) - including a custom Fortigate firewall Config generator

(which included multi-threaded functionality to generate Configs for multiple firewalls at once). Used Python/Django MVC framework to design and develop the application. Experience in Kubernets which provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts. Good knowledge in various stages of SDLC (Software Development Life Cycle), Software Testing Life Cycle (STLC) and QA methodologies from project definition to post-deployment documentation. Experienced in understanding principles and best practices of Software Configuration Management (SCM) processes, which include compiling, packaging, deploying and Application configurations. Good experience with Python frameworks like Flask and WebApp2. Performed Unit testing, Integration Testing and generating of test cases for web applications using Junit and Python Unit test framework Hudson/Jenkins in the builds triggered by each push to GIT. Proficient in SQL databases MS SQL, MYSQL, Oracle and NO SQL databases MongoDB, Cassandra. Ability to work on own initiative and as a part of team. Willingness to learn new Technologies, openness to new ideas and ability to learn very quickly. Have Experience in List Comprehensions and Python inbuilt functions such as Map, Filter and Lambda. Work Experience Python Developer Eli Lilly - Indianapolis, IN March 2018 to Present Responsibilities: Interacted with Business team to gather requirements. Extensive experience with AWS services like S3, ELB, EBS, Auto-Scaling, Route53, Storefront, IAM, Cloud Watch, RDS etc. Extensively involved in infrastructure as code, execution plans, resource graph and change automation using Terraform. Managed AWS infrastructure as code using Terraform. Developed Merge jobs in Python to extract and load data into MySQL database. Created Terraform scripts for EC2 instances, Elastic Load balancers and S3 buckets. Implemented Terraform to manage the AWS infrastructure and managed servers using configuration management tools like Chef and Ansible. Developed file cleaners using Python libraries and made it clean. Worked on MVC architecture using PHP, Python as controller. Build numerous Lambda functions using python and automated the process using the event created. Created an AWS Lambda architecture to monitor AWS S3 Buckets and triggers a thumbnail create event whenever a user uploads a new picture. Worked on packages like socket, REST API, Django. Hands on experience in migrating Business

from a physical data centre environment to AWS. Experienced in setting up EC2 instances, security groups and Setting up databases in AWS using S3bucket and configuring instance backups to S3 bucket. Performed S3 buckets creation, policies on IAM role based polices, MFA and customizing the JSON template Automated various service and application deployments with ANSIBLE on CentOS and RHEL in AWS. Wrote ANSIBLE Playbooks with Python, SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using Python. Run Ansible Scripts to provision Dev servers. Worked in MySQL database on simple queries and writing Stored Procedures for normalization. Deployed the project into Jenkins using GIT version control system. Learned to index and search/query large number of documents inside Elastic search. Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. Experience in Python advanced packages and modules like Requests, Scrapy, BeautifulSoup, Multithreading, Pandas, Numpy, Scipy, Matplotlib, wxPython, QT, Regex expressions, SQL Alchemy, SQL based database connectiors JDBC/ODBC and Py-Virtual Environment. Understanding of secure-cloud configuration, Cloud Trail, cloud-security technologies (VPC, Security Groups, etc.) and cloud-permission systems(IAM) Experience in Installing Jenkins/Plugins for GIT Repository, Setup SCM Polling for Immediate Build with Maven and Maven Repository and Deployment of apps using custom modules through Puppet as a CI/CD Process. Extensive use of version controlling systems like GIT and SVN. Loaded the data into Spark RDD and do in memory data Computation to generate the Output response. Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds. Created Maven POMs to automate build process for the new projects and integrated them with third party tools like SonarQube. Responsible for installing and administrating the SonarQube for code quality check and Nexus repository and generating reports for different projects. Also, integrated them into Jenkins. Helped to understand the process of SonarQube through Presentations and other business value measurement. Prepared scripts to ensure proper data access, manipulation and reporting functions with R programming languages. Formulated procedures for integration of R programming plans with data sources and delivery

systems.   Involved in writing queries in SparkSQL using Scala.   Hands on experience in Apache Spark creating RDD's and Data Frames applying operations like Transformation and Actions and converting RDD's to Data Frames.   Worked with View Sets in Django-REST framework for providing web services and consumed web services performing CRUD operations.   Used Python Library Beautiful Soup 4 for Web Scraping to extract data for building graphs.   Used AngularJS as the development framework to build a single-page application.   Environment: Python 3.6/2.7, Django 2.0/1.6, HTML5, CSS, AWS, API Gateway, Java, J2EE, REST API, Spring framework, AngularJS, HTML, Amazon S3, CloudWatch, eclipse, MS-SQL Server, GIT, Jira, Jenkins, Kubernets, Confluence. Python Developer OneMain Financial June 2016 to February 2018 Responsibilities: Involved in analysis, specification, design, and implementation and testing phases of Software   Development Life Cycle (SDLC) and used agile methodology for developing application. Upgraded existing UI with HTML, CSS, jQuery and Bootstrap.   Working as an application developer experienced with controllers, views and models in Django.   Used Salt Stack to configure and manage the infrastructure.   Restful web services using Python REST API Framework.   Involved in designing and deploying multitude applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud Formation.   Automated Regular AWS tasks like snapshots creation using Python scripts.   Build servers using AWS, importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.   Managed Virtual servers (Ubuntu, Linux and Windows) on AWS EC2 using Open-Source Chef server.   Deployed and monitored scalable infrastructure on Amazon Web Services (AWS) & configuration management using Chef   Implemented the application using Python Spring IOC (Inversion of Control), Django Framework and handled the security using Python Spring Security.   Launched Kubernetes to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts.   Tested entire frontend and backend modules using Python on Django Web Framework.   Responsible for handling the integration of database systems.   Developed Server-side automation using Node JS scripting and

connecting different types of SQL and NoSQL stores from Node JS. Used object-relational mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with an SQL-based schema Implemented Performance tuning and improved the Performance of Stored Procedures and Queries. Installed and configured py Builder for application builds and deploying it. Used Selenium Library to write fully functioning test automation process that allowed the simulation of submitting different we request from multiple browser to web application Developed and Deployed SOAP based Web Services on Tomcat Server Used Jenkins for continuous integration for code quality inspection and worked on building local repository mirror and source code management using Git hub. Used IDE tool to develop the application and JIRA for bug and issue tracking. Wrote unit testing codes using unit test, resolving bugs and other defects using Firebug, Used JIRA to assign, track, report and audit the issues. Used GIT to coordinate team development. Environment: Python, Django, Django-CMS, SSO, Kubernetes, PostgreSQL, MySQL, Bootstrap JS, HTML5, CSS3, Agile, REST, JSON Python Developer Catholic Health - Denver, CO July 2015 to May 2016 Responsibilities 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. Build all database mapping classes using FLASK models. Involved in building database Model, APIs and Views utilizing Python to build an interactive web based solution. Extensive experience in implementing Continuous Integration and Continuous Delivery (using Jenkins) in an AWS Environment. Created Test plans. Worked on SQL scripts to load data in the tables. Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer. Launched Kubernetes to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts. Coding groovy, domain class to handle the business logic. Developed entire frontend and backend modules using Python on FLASK Framework. Developed custom screens using HTML5, JavaScript, jQuery, Bootstrap, Jinja and Angular.js. Developed monitoring and notification tools using Python. Expert knowledge of mobile application development along with various patterns

native, web and hybrid concept.   Involved in business logic discussions and use case design.   Reviewed product requirement documents, functional specifications, and involved in developing test strategy, test plan and test case documents.   Experience in Selenium Automation using Selenium Web Driver, Java and Unit Test Framework.   Created Selenium web-driver automation scripts using Python to validate functionality on various browsers.   Very good understanding of Microsoft Azure cloud platform. Experience with managing cloud delivery platforms, Azure/Aws.   Established framework to setup Continuous Integration environment using Jenkins, Nexus.   Extensive experience in implementing Continuous Integration and Continuous Delivery (using Jenkins) in an AWS Environment.   Used Couchbase Python SDK to build applications that use Couchbase Server.   Used Pandas API to put the data as time series and tabular format for east timestamp data manipulation and retrieval.   Involved in developing selenium automation framework using TestNG. Developed Maven targets to execute automation suites from command line.   Worked on AWS Cloud and Created instances in EC2.   Participated in weekly release meetings with Technology stakeholders to identify and migrate potential risks associated with the releases.   Experienced in designing Test Plans and Test Cases, Verifying and Validating Web based application.   Imported and managed multiple corporate applications into Subversion (SVN). Environment: Python, Windows, MySQL, flask, Numpy, SQLAlchemy, Kubernetes, MySQL, MySQLdb, HTML, CSS, JQuery, JavaScript. Python Developer Limited Brands - Chicago, IL January 2014 to June 2015 Responsibilities: Developed Views and Templates with Django view controller and template language to create a user-friendly website interface.   Configured the Django admin site, dashboard and created a custom Django dashboard for end users with custom look and feel. Used Django APIs for database access.   Used Python and Django for XML, JSON processing, data exchange and business logic implementation.   Built database Model, Views and API's using Python for interactive web based solutions.   Used Python scripts to update the content in database and manipulate files.   Created UI using JavaScript and HTML5. Designed and developed data management system using MySQL.   Worked on Jenkins continuous integration tool for deployment of project.   Played a key role in a development wide transition from Subversion

to Git, which resulted in increase in efficiency for the development community.   Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud. Implemented RESTful Web-Services for sending and receiving the data between multiple systems.

 Used Python Library Beautiful Soup for web Scrapping   Environment: Python 2.7, Java Script, HTML, Angular JS, JQuery, JSON, AJAX, XML, CSS, SQL, MySQL, Bootstrap, Restful Web Services, Beautiful Soup, Jenkins, GitHub, SVN, Linux, PyCharm. Python Developer Polaris - IN May 2012 to December 2013 Responsibilities: Participated in the complete SDLC process and used Python to develop website functionality.   Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript.   Developed entire frontend and backend modules using Python on Django Web Framework.   Designed and developed data management system using MySQL. Built application logic using Python   Used MYDQL for database access.   Used Python to extract information from XML files   Participated in requirement gathering and worked closely with the architect in designing and modeling.   Worked on installing and setting up the channels by using Django. Used JavaScript and JSON to update a portion of a webpage.   Involved in gathering and analyzing system requirements.   Performed joins, group by and other operations in MapReduce using Python.   Followed Agile Methodologies to manage full life-cycle development of the project   Implemented monitoring and established best practices around using elastic search.

  Effectively communicated with the external vendors to resolve queries.   Involved in doing AGILE (SCRUM) practices and planning of sprint attending daily agile (SCRUM) meetings and SPRINT retrospective meetings to produce quality deliverables within time.   Environment: Python, Django Framework, JavaScript, CSS, SQL, MySQL, LAMP, jQuery, Adobe Dreamweaver, Apache web server. Environment: Python, Django, MY SQL, Linux, Git, Agile, HTML, CSS, Eclipse, Linux, Shell Scripting. Skills C++, Django, Git, Hadoop, Javascript, Bootstrap, Json, Mapreduce, memcached, Php, Python, Flask, Matplotlib, Numpy, Svn, Xml, Sql server, Mysql, Postgresql, Sql Additional Information Technical skills: Languages   Python, C++, C, SQL, Java and PHP Web Development   HTML5, CSS3, JavaScript, Bootstrap, AJAX, XML JSON Frameworks   Django, Flask, CherryPy, Pyramid, NodeJS, Angular JS, JSP, Numpy,   Matplotlib, Servlets   Servers   Apache Tomcat,

Apache HTTP, JBOSS Databases   PostgreSQL, MySQL, Cassandra, Redis, MongoDB, SQL Server Big Data Technologies   Hadoop, MapReduce and Spark Methodologies   Agile (Scrum), Waterfall Tools   Git, SVN, Mercurial, Memcached, Jira, SSIS, Data Migrator, Visual   studio   IDE Notepad++, Eclipse, IDLE, Pycharm, Pyscripter OS   Windows, Linux, Unix

Name: Jesse Chang

Email: floydcarrie@example.net

Phone: 952.693.6990