Python Developer Python Developer Python Developer Houston, TX   Over 3+ Years of experience in Analysis, Design, Development, Management and Implementation of various stand-alone, client-server enterprise applications in Python on various domains.   Good experience in developing web applications implementing Model View Control architecture using Django web application frameworks.   Experienced in working with various Python IDE's using PyCharm, PyScripter, Spyder, PyStudio and PyDev   Expertise in Object-Oriented design and coding.   Good experience in Python, Django, Shell Scripting, SQL Server, Unix and Linux.   Experience on complete Software Development Life Cycle (SDLC) in enterprise, web-based, Service Oriented Architecture (SOA) and client/server applications with models like Waterfall, Agile/Scrum Methodology   Developed web applications and Restful web services and APIs using Python, Flask, and Django.   Built custom UI Widgets and Application logic using OOD and MVC architecture.   Useful learning of web services with protocols SOAP, REST.   Proficient in Object Oriented JavaScript along with Design patterns including Prototypes, Closures and Object-Oriented Design/Development (OOD) and Model View Control (MVC) design pattern   Developed single page applications using Angular 2, Typescript, HTML5, CSS3, and Bootstrap4 for Responsive Web Design (RWD)   Experience working on CSS Preprocessors like LESS and SASS   Solid understanding of RDBMS (MySQL, SQL Server 2014) Have good knowledge on NoSQL databases like Cassandra, MongoDB.   Involved in Test Driven Development along with Unit Testing.   Worked on API testing tool like Postman to test web services at server side   Used JIRA 7.1 for bug tracking and multiple version control tools like GIT 2.x, SVN   Experience in IDE tool like Atom, Sublime, Visual Studio   Strong problem-solving, organizing, communication and planning skills, with ability to work in team environment Sponsorship required to work in the US Work Experience Python Developer TransUnion - Austin, TX August 2017 to May 2018 Project Description: TransUnion is a consumer credit reporting agency. TransUnion also markets credit reports and other credit and fraud-protection products directly to consumers. Here we developed an application which the managers use to study the customers activities and output an analysis. Responsibilities: Participated in all the stages of software development lifecycle like design, development, and implementation and testing.   Django

Framework that was used in developing web applications to implement the model view control architecture. For database access Django API's have been used. Business logic implementation, data exchange, XML processing and graphics creation has been done using Python and Django. Views and Templates were developed with Python and to create a user-friendly website interface Django's view controller and template language is used. Developed UI using CSS, HTML, JavaScript, AngularJS, JQuery and JSON. DB2 SQL Procedures and UNIX Shell Scripts were designed and developed for Data Import/Export and Conversions. A Django dashboard with custom look and feel for end user has been created after a careful study of the Django admin site and dashboard. Unit Test Python library was used for testing many programs on python and other codes. JIRA was used to build an environment for development. Different testing methodologies like unit testing, Integration testing, web application testing were performed. For the extraction of data from the database various queries were written and a database was created using MYSQL. Search engine optimization by replacing existing database with MongoDB (NoSQL Database). In order to avoid the reloading of the entire web page to update small portions, AJAX in UI was used. For sending and receiving the data between multiple systems RESTful Web-Services were implemented. Features for dashboard were developed and tested using CSS, JavaScript, Django, and Bootstrap. Git repository was created and added to GitHub project. An application was developed in Linux environment and dealt with all of its commands. Performance and consistency being the main factors of consideration the code was tuned. Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time. Environment: Python 2.7, Django 1.6, JavaScript, HTML, Angular JS, JQuery, JSON, CSS, MySQL, Bootstrap, Git. Python Developer - Intern I-Exceed technology & Solutions - Bengaluru, Karnataka March 2016 to August 2016 Project Description: I-Exceed is a digital transformation partner for many financial institutions. Here we developed a corporate banking application that can be used to manage the accounting of the company. It is designed using some standards can be customized according to the organization. Responsibilities: MVC framework for the back-end while the front-ends were built using the Blueprint CSS Framework and HTML.

Responsible for designing, coding and developed the application in Python using Django MVC. Designed and developed base classes, framework classes and re-usable components. Designed web pages using JavaScript/ HTML. Made use of inheritance concept to reuse different methods in most of the developed classes. Developed multiple web applications using Django Framework.

 Performed client side validations using JavaScript and server side validations using various other frameworks. Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page. Actively involved in analysis of the system requirements specifications and involved in client interaction during requirements specifications. Developed and tested many features for dashboard using Django, Bootstrap, CSS and JavaScript. Performed Unit testing, Integration testing, involved in designing mobile search application system requirements and coded back-end and front-end in Django/ Python. Interactive in providing change requests, trouble reports and requirements collection with the client. Experience in using Git, GitHub, and Amazon EC2 and deployment using Heroku. Designed and developed Web services using XML and JQuery. Participated actively in unit testing, integration testing and GUI. Having very good experience using Scaffolding tools like GIT Environment: Python 2.7, Django 1.4, AngularJS, HTML, CSS, Bootstrap, JSON, MySQL, Heroku, GitHub. Python Developer - Intern I-Exceed technology & Solutions - Bengaluru, Karnataka January 2015 to February 2016 Project Description: I-Exceed is a digital transformation partner for many financial institutions. Here we developed a corporate banking application that can be used to manage the accounting of the company. It is designed using some standards can be customized according to the organization. Responsibilities:

    MVC framework for the back-end while the front-ends were built using the Blueprint CSS Framework and HTML. Responsible for designing, coding and developed the application in Python using Django MVC. Designed and developed base classes, framework classes and re-usable components. Designed web pages using JavaScript/ HTML. Made use of inheritance concept to reuse different methods in most of the developed classes. Developed multiple web applications using Django Framework. Performed client side validations using JavaScript and server side validations using various other frameworks. Embedded AJAX in UI to update small portions of the

web page avoiding the need to reload the entire page. Actively involved in analysis of the system requirements specifications and involved in client interaction during requirements specifications. Developed and tested many features for dashboard using Django, Bootstrap, CSS and JavaScript. Performed Unit testing, Integration testing, involved in designing mobile search application system requirements and coded back-end and front-end in Django/ Python. Interactive in providing change requests, trouble reports and requirements collection with the client. Experience in using Git, GitHub, and Amazon EC2 and deployment using Heroku. Designed and developed Web services using XML and JQuery. Participated actively in unit testing, integration testing and GUI. Having very good experience using Scaffolding tools like GIT Environment: Python 2.7, Django 1.4, AngularJS, HTML, CSS, Bootstrap, JSON, MySQL, Heroku, GitHub. Full Stack Developer (Python/Django) - Intern Citi Bank - Bengaluru, Karnataka July 2014 to December 2014 Project Description: Citi Bank is a digital transformation partner for many financial institutions. Here we developed an application which the managers use to study the customers activities and output an analysis. Responsibilities: Responsible for gathering requirements, system analysis, design, development, testing and deployment. Participated in all stages of the SDLC process. Developed user interface using CSS, HTML, JavaScript and JQuery. Wrote Python modules to extract data from the MySQL source database. Designed and implemented a dedicated MYSQL database server to drive the web applications and report on daily progress. Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface. Used Django framework for application development. Created entire application using Python, Django, MySQL and Linux. Designed and managed API system development using fast http server and Amazon AWS architecture. Installed, configured and monitored scripts for AWS EC2 instances. Liaised with business analysts and manual test team leaders to perform risk analysis and assessment associated with automation testing. Implemented RESTful Web Services for the data transportation between multiple systems. Developed remote integration with third party platforms by using RESTful web services. Worked on Jenkins continuous integration tool for deployment of project. Deployed the project into Jenkins using GIT

version control system.   Developed an application in Linux environment and dealt with all of its commands.   Developed, tested and debugged software tools utilized by clients and internal customers.   Coded test programs and evaluated existing engineering processes.   Designed and configured database and back end applications and programs.   Experienced in Linux shell commands and command line utilities.   Explored and identified new technological platforms. Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.   Determined problems, solved them and precisely documented progress of the project. Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time.   Environment: Python 2.7, Django 1.4, AngularJS, AWS, Jenkins, MySQL, Linux, HTML, CSS, JQuery, JavaScript, Linux, Git. Python Developer - Intern ActOnMagic - Bengaluru, Karnataka January 2014 to June 2014 Responsibilities: Involved in Business requirements, Data analysis and System design meeting.   Created entire web application using Python, Django and MySQL.   Used HTML, CSS and JavaScript to create front end pages using Django Templates and wrote Django Views to implement application functions and business logic. Used packages such as Beautiful Soup for data parsing.   Generated Python Django forms to record data of online users and used PyTest for writing test cases.   Used RESTful API for information extraction.   Implemented Python components and Web Logic server was deployed and used Subversion control tool to coordinate team-development.   Wrote Python routines to log into the websites and fetch data for selected options.   Designed and developed data management system using MySQL and optimized the database queries to improve the performance.   Added support for Amazon AWS S3 and RDS to host static/media files and the database into Amazon Cloud.   Participated actively in unit testing, integration testing and GUI.   Used Python twitter library for fetching the twitter feeds for some important keywords.   Implemented Django models to build all database mapping classes and used Python scripts to update content in the database and manipulate files.   Responsible for debugging and troubleshooting the web application.   Worked on the Multi-Threading factory to distribute back-testing and the learning process into multiple worker processes.   Tuned the code with performance and consistency as the main factors of

consideration.   Environment: Python 2.7, Django 1.4, MySQL 5, LAMP, SVN, XML, JavaScript, CSS, JQuery, HTML, AJAX, Rest Web Services, LINUX Education Masters in Computer Science in Computer Science Texas A&M University Kingsville - Kingsville, TX Skills DJANGO (3 years), HTML (3 years), JAVASCRIPT (3 years), PYTHON (3 years), CSS (3 years), Restful, AWS, Flask Additional Information TECHNICAL SKILLS   Programming Languages C, C++, Python. Scripting Languages CSS, AJAX, JavaScript, JQuery, Typescript. Markup Languages HTML, XML, JSON. Frameworks Django, Flask, AngularJS/2. Operating Systems Linux, Ubuntu, MacOS, Windows XP/Vista/7/8/10, Android.   Databases MySQL, SQLite, PostgreSQL, MongoDB, OracleDB. IDEs/Tools PyCharm, Sublime Text, Visual Studio Code, Eclipse. Version Control Systems GitHub, Bit Bucket. Methodologies & Tools Object Oriented Programming, UML, Agile Scrum. Application Expertise MS Word, MS Excel, MS PowerPoint, AutoCAD.

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