Python/Django Developer Python/Django Developer Python/Django Developer - GE Digital Atlanta, GA Over 6 years of IT experience in analysis, design, development, implementing and testing of various stand-alone and client-server architecture-based enterprise application software using python, Django in various Domains. CORE QUALIFICATIONS Experienced in developing MVC based web applications using Django, Flask and Pyramid Frameworks. Experienced in developing Applications using Python 3.x/2.x, Django 1.x/2.x, CSS, HTML, JavaScript and jQuery by following W3C standards. Worked on several standard python packages like Numpy, Pickle, PySide, SciPy, PyTables, Beautiful Soup, Pandas dataframe, etc. Experience in implementing with server-side technologies with restful API and MVC design patterns with Django framework. Working experience on Amazon Web Services (AWS) Cloud services like EC2, S3. Excellent working knowledge in UNIX and Linux shell environments using command line utilities and Shell Scripting. Have good knowledge on databases like MySQL, PostgreSQL and No-SQL databases like MongoDB. Involved in Unit testing using PyTest. Experience using version control system such as GIT along with Jenkins. Experience with databases using ORMs/DOMs for integrating with MySQL, MongoDB and SQLite Good experience in handling errors/exceptions and debugging the issues in large scale applications. Excellent Interpersonal and Communication skills, Efficient Time Management and Organization Skills, ability to handle Multiple-Tasks and work well in a Team-Environment. Thorough understanding of Agile methodology and Scrum environment. Worked on JIRA for bug tracking and communicating for better results. Work Experience Python/Django Developer GE Digital - Atlanta, GA April 2017 to Present GE is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive, and predictive. At GE, I am involved in developing a tool to help the field engineer to keep a track of the defects and possible way to outcome the defects to save their time. Key Responsibilities: Participated in requirement gathering and worked closely with the architect in designing and modeling. Designing, developing and managing REST APIs utilizing Django's Rest framework and overlooking the API system. Development of web applications using Python frameworks as Django. Designed & developed templates using Django's template library and

utilized them using Django's forms library.   Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.   Created database using PostgreSQL, wrote queries to extract/store data.   Involved in database-driven web application development using a variety of frameworks such as Django on Python.   Preparing documentation as per organizational standards, designing, implementing, and maintaining complex database applications.   Developed a fully automated continuous integration system using Git, Jenkins.   Loading, analyzing and extracting data to and from EC2 with Python.   Worked with UNIX Environment.   To avoid reloading of the entire webpage and to update small portions AJAX was used.   Hands on experience in Agile Methodologies, Scrum stories and sprints experience in a Python based environment.   Build development environment with JIRA.   Environment: Python, Django, HTML, AJAX, JavaScript, Rest APIs, PostgreSQL, Jenkins, Git, EC2. Python Developer SunPower Corporation September 2015 to March 2017 SunPower has been leading global solar innovation. SunPower solar panels consistently deliver more energy and long-term peace of mind with the highest performing solar power systems available. I was involved in developing an application that collected the statistics of the previously sold equipment's and tried to generate possible outcomes for further enhancement of equipment.   Key Responsibilities: Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.   Worked with Python, MongoDB, CSS, HTML5, JavaScript, AJAX to build a web application.   Developed entire frontend and backend modules using Python on Django Web Framework.   Used Python and Django to interface with JQuery UI and manage to stored and deletion of content.   Wrote Python scripts to phase XML documents and load the data in database.   Design and developed data management system using MongoDB.   Design, develop, test, deploy and maintain the website.   Created Forms, Views and modules using Django.   Responsible for debugging the project monitored on JIRA.   Utilized PyUnit for unit testing.   Worked on JSON based REST Web services.   Created a Git repository and added the project to Git.   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, JavaScript, JQuery, SQL, JSON,

Agile, JIRA, REST API. Python Developer ManTech - Herndon, VA January 2014 to August 2015 ManTech provides advanced technological services to the U.S. Government. They started with a single Navy contract to develop war-gaming models for the submarine community. Over the years, the government's technology needs have increased dramatically in scope and sophistication, and they have grown to meet that challenge. At ManTech, I was working on an application that was helpful for generating the Payroll for the employees and helped them in filling the tax.   Key Responsibilities: Actively involved in Initial software development life cycle (SDLC) of requirement gathering and in suggesting system configuration specifications during client interaction. Extensively used Python Framework for developing backend of applications.   Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript.   Worked on development of SQL and stored procedures on MYSQL.   Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package. Implemented code in Python to retrieve and manipulate data.   Used JQuery and AJAX calls for transmitting JSON data objects between frontend and controllers.   Developed multi-page applications from beginning to end.   Used Amazon Web Services (AWS) for improved efficiency of storage and fast access.   Environment: Python, Django, AWS, MySQL, PostgreSQL Git, JSON. Web Developer Dreams Technology - Gujarat, IN April 2012 to December 2013 Dreams technology, recently established company is one of the best and rising company in Gandhinagar (Gujarat) India. Our company show immense pleasure in introducing such a company in Gandhinagar (Gujarat) India for website design and development that fulfill the needs and wants of clients and we provide solutions related to your expectations   Key Responsibilities: Involved in developing the UI pages using HTML, CSS, JavaScript, Ajax.   Followed waterfall Methodology to develop application. Designed graphics, buttons, logos and flash animation for the website.   Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Tool bar for IE.   Involved in developing HTML and JavaScript for client side presentation and, data validation on the client side with in the forms. Involved in writing SQL Queries, Stored Procedures.   Environment: HTML, CSS, Bootstrap, Ajax,

JavaScript, JQuery. Education Bachelor of Engineering in Information Technology in Information Technology Ganpat University - Gujarat, IN Skills AJAX (6 years), database (5 years), Django (5 years), JavaScript. (6 years), JQuery (5 years), C, Java, Flask, Python, Javascript Additional Information TECHNICAL SKILLS Programming Python, Java, JavaScript, SQL

~~~~~~ Frameworks and Tools Django, AngularJS, NodeJS, PyTest, unittest

~~~~~~ Web Technologies HTML5, CSS3, Bootstrap, REST, AJAX, JQuery, JSON

~~~~~~ Systems Debian Linux, OS X, Windows, Ubuntu Linux

~~~~~~ Database MySQL, PostgreSQL, MongoDB

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