

Dynamic Sr. Python Developer with 8 years of Experience and a proven track record at Endeavor Health, excelling in designing robust applications using Python and Django. Adept at collaborating with stakeholders to drive project success, I leverage strong problem-solving skills and expertise in PostgreSQL to enhance system performance and deliver impactful solutions.

Experience

SEP '22 - PRESENT

Sr. Python Developer | Endeavor Health, Chicago, IL

- Worked closely with the Business users acting as liaison between the Business and technology to identify the requirements for new projects
- Worked on design, implementation and modifying the Python code, PostgreSQL database schema on-the back end
- Documented company Restful API's using Swagger for internal and third part use and also worked on Unit testing and Integration testing
- Worked on object-oriented programming (OOP) concepts using Python, Django, and Linux
- Suggested and implemented changes to the existing processes and Applications to improve the availability of the applications to the Business
- Create and Fill reports with python and PDFrw
- Used various MVW frameworks like Django, JavaScript and jQuery
- Created specific images using Python Imaging Library for the custom images used for each book
- Direct communication with clients on a day to day basis for requirement gathering and production issue resolution
- Providing help to peers in development and doing their code reviews
- Analyzed and provided fixes for most of the critical issues raised by the testing team and users
- Documented all the workflow with design details and flowchart
- Experience in using version control systems like Git
- Provided extended support for Production releases and assisted in validating the releases
- Provided regular status updates to the client and senior management for the ongoing development work projects/productions issues
- Environment: Python3, Python Library, Django, PostgreSQL, CSS, JavaScript, AJAX, JSON, Visual Studio Team Services, JQuery, Git, GitHub, Shell Scripting, Linux, Windows

APR '21 - AUG '22

Sr. Python Developer | Cooper Tire and Rubber Co., Findlay, OH

- Responsible for identifying stories/tasks and estimating efforts and timelines at granular level
- Responsible for Architecture and design implementation including database schema
- Developed web application using python, Django framework, MySQL
- Developed REST services using NodeJS and MongoDB

- Perform cloud application deployment using Apache web server on AWS EC2 instance
- Explored and evaluated AWS services
- Designed and Developed user and device management module which stores data dynamically
- Worked on User Interface using Django templating, HTML, CSS, JavaScript and Bootstrap
- Responsible for code reviews, sprint planning and served as a scrum master
- Used Pandas as API to put the data as time series and tabular format for manipulation and retrieval of data
- Helped with the migration from the old server to Jira database (Matching Fields) with Python scripts for transferring and verifying the information
- Analyse Format data using Machine Learning algorithm by Python Scikit-Learn
- Experience in python, Jupyter, Scientific computing stack (numpy, scipy, pandas and matplotlib)
- Perform 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
- Write Python scripts to parse JSON documents and load the data in the database
- Generating various capacity planning reports (graphical) using Python packages like Numpy, matplotlib
- Analysing various logs that have been generating and predicting/forecasting the next occurrence of events with various Python libraries
- Dealt with clients regarding the requirements of the projects and taking care of production issues and bugs
- Environment: Python, Django, MySQL, AWS, Apache, Linux, HTML, NodeJS, MongoDB, Git, Gitlab, IIS

NOV '19 - MAR '21

Python Developer | Anomalix, Las Vegas, Nevada

- Implemented live video streaming from a device which is compatible with sockets
- Understood the project scope, identified activities/tasks, task level estimates, schedule, dependencies, risks and provided inputs to Module Lead for review
- Designed and developed, Use-Case Class and Object Diagrams
- Designed and developed data management system using MySQL
- Built application logic using Python 2.6
- Used Django APIs for database access
- Designed and developed communication between client and server using Secured Web services
- Develop consumer based features and applications using Django, HTML, Python Behavior Driven Development (BDD) and pair based programming
- Developed and tested many features for dashboard using Python, Java, Bootstrap, CSS, JavaScript and jQuery
- Developed backend services and created many API's using Python Programming Language and SQL
- Designed and developed data management system using MySQL
- Involved in Agile Methodologies and SCRUM Process
- Responsible for debugging and troubleshooting the web application
- Implemented AJAX to update necessary section of webpages and hence, avoiding the need for reloading the entire web page
- Experienced in writing indexes, views, constraints, stored procedures, triggers, cursors and user defined functions or subroutines in MySQL
- Used GitHub for Python source code version control
- Perform deployment of application on custom servers and on AWS EC2 instances
- Configure Linux server for production environments
- Environment: Python, Django, XML, MySQL, JavaScript, Bootstrap, MongoDB, JavaScript, Git, GitHub, Linux, Shell Scripting

JAN '17 - FEB '19

Jr. Python Developer | Qatar Airways, India

- Developed web-based applications using Python, Django, Angular.js, CSS, HTML, JavaScript and jQuery
- Deployed Python web application in Apache web server and carpathia cloud web deployment
- Developed Python based API (RESTful Web Service) to track the events and perform analysis using Django
- Built web application by using Python, Django, AWS, J2EE, PostgreSQL, MySQL, Oracle and MongoDB
- Developed a Django CMS based system offering the ability to create arbitrary forms through an admin interface
- Designed and Implemented Test Selector Package to process large volume of data using Python and Django ORM
- Utilized Python specific tools including Django, Rest/soap Framework, Pandas, and Numpy
- Worked on multiple python frameworks like: Django, Pyramid, and Tornado
- Worked with Angular routers like UI router to establish routing between nested html views
- Implemented Action Script/JavaScript/ Ruby on Rails for managing scripting functions
- Worked with Passport and JSON web tokens for authentication of configurations using bootstrap and Node.js
- Implemented SAML to achieve the security features for SSO
- Used NetbeansIDE for Java and XML development using Tortoise SVN
- Led IBM Websphere ILOG JRules implementation for new product development
- Used Eclipse IDE for Java and spring development and branched using SVN and CVS
- Developed and executed Unit Test cases using JUnit framework by supporting TDD (Test Driven Development)
- Involved in Regression testing by following Agile-Scrum, Kanban and Waterfall software development
- Implemented Automated execution of tests using ANT and Jenkins
- Worked on development of approach through tools like Jira sprints, backlog, and tasks as well as Bitbucket
- Implemented a Continuous Delivery framework using Jenkins and Puppet in Linux/ UNIX environment
- Worked on JIRA development with JAVA and Hipchat
- Environment: Java, Python 2.7, PHP, Django, CVS, JIRA, JavaScript, HTML/CSS, MYSQL, PL/SQL, JDBC, UNIX Shell Scripting, Red Hat Linux, Weblogic Application Server

JUL '15 - DEC '16

UI/Python Developer | Carrier Technologies, India

- Participated in requirement gathering and worked closely with the architect in designing and modeling
- Developed entire frontend and backend modules using Python and Django Web Framework
- Developed tools using Python, Shell scripting, XML, BIG DATA to automate some of the menial tasks
- Used PyQt for the functionality filtering of columns helping customers to effectively view their transactions and statements
- Implemented navigation rules for the application and page
- Performed testing using Django's Test Module and Used Django configuration to manage URLs and application parameters
- Involved in Web development, programming, and engineering Django, Web Server Gateway Interface (WSGI) and SQL internal admin tools behave Behavior-driven development (BDD)
- Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content
- Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash
- Designed and managed API system deployment using fast http server and Amazon AWS architecture

- Creation of Python scripts for data access and analysis (Scripts, Data Feeds, XLS, FIXML) to aid in process and system monitoring, and reporting
- Rewrite existing Java application in Python module to deliver a certain format of data
- Wrote Python scripts to parse XML documents and load the data in the database
- Generated property list for every application dynamically using Python
- Responsible for search engine optimization to improve the visibility of the website
- Designed and developed the UI of the website using HTML5, XHTML, AJAX, CSS3, BIG DATA and JavaScript
- Handled all the client-side validation using JavaScript
- Designed and developed data management system using MySQL
- Created a Git repository and added the project to GitHub
- Build a development environment with JIRA
- Creating unit test/regression test framework for working/new code
- Using Subversion version control tool to coordinate team-development
- Responsible for debugging and troubleshooting the web application
- Environment: Python 2.7, Django 1.4, CSS, HTML, JavaScript, jQuery, JIRA, AJAX, MYSQL, Linux, Heroku, GIT, PostgreSQL, and VMWare API

OCT '14 - JUN '15

Front End Web Developer | HDFC Bank, India

- Worked in a team, involved in developing the UI, layout and front-end programming (HTML) for web application that matches requirements of the company
- Excellent Coordination in project activities and ensure that all project phases are followed and documented properly
- Extensively involved in design discussions and user experience sessions to provide inputs on the layout and UX
- Designed the front-end applications, user interactive (UI) web pages using web technologies like HTML, XHTML, and CSS
- Developed non-functional HTML, CSS pages from the mock ups and involved in UI review with UI architect and Business Units
- Developed GUI using JavaScript, HTML, DOM, XHTML, AJAX, CSS and jQuery in ongoing projects
- Converted the mock-ups into hand-written HTML, CSS, XHTML, JavaScript, jQuery, AJAX, XML and JSON
- Improved user experience by designing and creating new web components and features
- Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing
- Followed MVC Structure to develop Application
- Handling cross browser/platform compatibility issues (IE, Firefox, and Safari) on both Windows
- Managed application state using server and client-based State Management options
- Coded Javascript for page functionality and Lightbox plugins using jQuery
- Environment: HTML, CSS, JavaScript, Tomcat Apache, jQuery, JSP, Oracle, AJAX, CSS

Education

Master of Science (M.S.) in Information System Management

Lindsey Wilson College, Columbia, KY, US

Master of Business Administration (M.B.A.) in Business and Technology

Hellenic American University

Bachelor of Science (B.S.) in Biotechnology

Osmania University

Skills

A word cloud containing the following technologies and frameworks: Python, HTML, UML, CSS, SQL, XML, AWS, PL/SQL, JSON, Perl, Shell Script, Django, Flask, PETL, TORNADO, Flask Framework, Bootstrap, JQuery, Numpy, Matplotlib, PySide, Scipy, WxPython, PyTables, PyCharm, Notepad++, SVN, Eclipse, MS FrontPage, MS-Office, Sublime, Magento, Slack, Redis, SQLAlchemy, Maven, TCP/IP, HTTP/HTTPS, SOAP, SMTP, Heroku, Jenkins, JBoss 4.0.5, BEA Web Logic, Web Sphere, Apache Tomcat 5.5/6.0, Agile, SCRUM, Waterfall, Microsoft SQL Server, Oracle, MySQL, Cassandra, PostgreSQL, NoSQL, MongoDB, VSS, CVS, GitHub, Linux/Unix, Windows XP/2000/2008/10/11, and Mac OS.