

HARI PRASAD

Email: suwarapuhariprasad@gmail.com

Mobile: +91- 9701252817

Career Objective:

Python developer over 6.1 years of industrial experience in Designing, Development, Deployment and maintenance of web apps based on and Django Python. Professional Web Apps development experience using Django and Flask inclusive of experience in UI using JavaScript, JQuery. Developed Views and Templates with Django viewcontroller and template language to create an easily accessible website inter faces.

Professional Summary:

- Having 6.1 years of software development experience in object Oriented programming, design and development of Multitier distributed, Enterprise applications using JAVA and J2EE technologies and Python.
- Automated moving the tests from production to staging and staging to production by reading the keywords from NV bugs.
- Consumed APIS and used Python requests to read Json reports and file automatic bugs in the NV bugs (NVidia's internal bug filing/tracking system) for intermittent tests.
- Designed and configured database and backend applications and programs.
- Developed, tested and debugged software tools utilized by clients and internal customers.
- Experienced in designing test plans and test cases, verifying and validating web Based applications.
- Used test driven approach for developing the application and implemented the unit tests using Python unit test framework.
- Experience in reviewing Python code for running the troubleshooting test-cases and bug issues.
- Working as a Python/Hadoop developer on integration and analytics based on Hadoop, SOL Rand web methods technologies.
- Developing and maintaining the front-end of applications using React JS and Code editor or integrated development environment (IDE), such as Visual studio code or sublime text, and Package manager such as NPM or YARN.
- Developing and maintaining the Back-end of applications using PL/SQL for developing Database applications.
- Knowledge of using flux architecture in React JS for building client side web application.
- Knowledge of rendering large data sets on the application view using React JS.
- Experienced in React JS and working with ReDux architecture.
- Developed Web API using Node JS and hosted on multiple load balanced API instances.
- Developed the applications using DJANGO 1. 7 MTV framework which is based on model template view design pattern.
- Extensively used DJANGO technologies, which includes forms, templates and orm for communication with database in different forms.
- Extensively used interceptors, validators, actions using DJANGO1. 7 frame work.
- Used perforce version control system and Python Tools for Visual Studio (PTVS) IDE.
- Create and write result reports in different formats like txt, csv, xls, and JSon.
- Worked on CSV files while trying to get input from the MySQL database.
- Managed, developed and designed a dashboard control panel for customers and administrators using DJANGO, Oracle DB, PostgreSQL and VMWARE API calls.

- Installation, configuration, integration, tuning, backup, crash recovery, upgrades, patching, monitoring system performance, system and network security and troubleshooting of Linux/Unix servers.
- Queried MYSQL database queries from Python using Python-MYSQL Connector and MYSQL DB package to retrieve information.
- Developed wrapper in Python for instantiating multi-threaded application.
- Implemented a login module for user, registration of the products, placing the order and tracking the order.
- Wrote Python routines to log into the websites and fetch data for selected options.
- Designed email marketing campaigns and created interactive forms that saved data into database using DJANGO framework.

EDUCATIONAL PROFILE:

Exam	University/Board	Year of passing	% of marks
B.COM	Sri Krishnadevaraya University	2017	75%

Professional Experience:

Organization	Designation	Duration
SOFTECH INFINIUM SOLUTIONS LIMITED	Sr. Software Engineer	Nov 2017 to Nov 2023

Technical Skills:

Technologies: Multithreading, REST, JavaScript, SQL, PL/SQL, HTML, XML, CSS, Azure, Python, Java, DOM, AJAX, JQuery, JSON And CSS Bootstrap, Jira, Github, Rally.

Frameworks: Django, Flask, React JS, Angular JS, Django Rest Framework (DRF), Amazon EC2, Jenkins and Oracle SQL, MySQL, DevOps & AWS.

Application Servers: Web Logic 10.x/8.1, Tomcat 5.0, Jboss 4.x.

Frameworks/ORM tools: Spring 3.0/2.5, Struts 2.0/1.1, Hibernate 3.0, JPA 2.0.

Databases: Oracle, MS SQL Server 2000, Toad 18C, MySQL.

IDE: Eclipse, STS, JDeveloper.

Tools: Maven, Junit, ANT, SVN, Log4j, CVS/Win CVS, Toad, MS Visio, FindBugs, Jira, Hudson, Git.

Professional Experience:

Project #2:

Client	EXOLVO TECHNOLOGIES PVT LTD
Period	Oct 2019 to Till date
Role	Python Developer
Responsibilities	<ul style="list-style-type: none">• Understanding functional specifications, designing, and creating custom solutions to match the requirements.• Configuring IVR into AWS, Working with EC2, S3 & Lambda services.• Working on AWS EC2 instance to configure roles and permission and storing as buckets into S3.• Interaction with the users at all stages of development to ensure that development was as per user specifications.• Prepared technical design documents (TDD) for Use cases.• Analyzed MVC architecture, Struts framework in view of the application work-flow and application development.• Designed and developed Hibernate configuration and session-per-request design pattern for making database connectivity and accessing the session for database transactions respectively. Used HQL and SQL for fetching and storing data in databases.• Worked on creating and updating the Oracle Database.• Implemented MVC, DAO J2EE design patterns as a part of application development.• Used Spring Core, Annotations for Dependency Injection.• Developed controllers and actions encapsulating the business logic.• Used Hibernate for Persistence management.• Developed a web-based with HTML, XHTML, JSTL, Custom tags using Struts.• Designed the front end of the application using Python, AWS, Java, Html, CSS, Ajax, JSON, JQuery, Jenkins, CI/CD pipeline.• Wrote complex SQL queries to retrieve data from the database• Designed and developed the Validators, Controller Classes and Java bean components• Used Spring Core for Dependency Injection/Inversion of control (IOC).• Implemented Java components and deployed under the Web Logic server.• Used CSS and advanced level java scripting like AJAX, JQuery.

Project #1:

Client	FeDex Corporation
Period	Nov 2017 to Oct 2019
Role	Python Developer

Responsibilities	<ul style="list-style-type: none"> Coordinated with other team members to resolve the issues through creation of service request in Meta link. Used lambda, EC2 and S3 as well. Write and maintain automated test scripts using python and the selenium WebDriver. Develop test cases and test scenarios based on project requirements and specifications. Implement best practices for creating reusable and modular automation code. Analyzed system requirements specifications and also in client interaction during requirements specifications. Used JavaScript and XML to update a portion of a webpage and node.js for server side interaction. Part of the team implementing rest APIs in Python using microframework like Flask with SQLAlchemy in the backend for management of data center resources on which OpenStack would be deployed. Worked on Python OpenStack APIs and used Numpy for numerical analysis. Developed single page applications using React Redux architecture, ES6, web pack and grunt. Developed various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager). Involved in creating a reusable component using React JS for DOM manipulation. Worked heavily on CSS3 and LESS layout for DOM manipulation. Closely worked with Application using React.JS and Node.js libraries NPM, gulp directories to generate desired view and flux to root the URL's properly. Develop various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux libraries. Designed for web development in python, and Django Rest Framework (DRF) is the library used in Django to build RESTful APIs with DRF, It's easier to design the CRUD operations and use a Django server as a REST API. Used ajax and jquery for transmitting json data objects between frontend and controllers. Django framework that was used in developing web applications to implement the model view control architecture. creating and implementing user interface components using AngularJS directives, creating custom directives, and creating unit tests for the executed code.
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Date:

Place:

[HARI PRASAD]