**Bhavitha**

**Python Developer**

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**Professional Summary:**

* **3 years** of experience in Analysis, Design, Development, Management, and Implementation of various standalone and **client - server architecture-based enterprise application software**.
* Experienced with full **software development life-cycle**, architecting scalable platforms, object-oriented programming, database design and **agile methodologies.**
* Expertise in development of web - based applications using **Python, Django, Flask, HTML, XML, Angular, Angular.JS, CSS, DHTML, JSON** and **jQuery.**
* Well versed with design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript.
* Experience with cloud infrastructure of **AWS (Amazon Web Services)** and computing AMI virtual machines on Elastic Compute Cloud (EC2).
* Experience configuring and developing with different Database servers including **MySQL**, **MSSQL**, **Oracle** and **Mongo Db.**
* Expertise in test automation and continuous delivery of web applications, client server applications, web services/REST APIs Testing, with Python.
* Experience in developing **web services** **(WSDL, SOAP** and **REST**) and consuming web services with python programming language.
* Expertise to interact with databases using ORM frameworks like **Django, SQLAlchemy frameworks.**
* Utilized various integrated development environments like **Visual Studio Code** and **PyCharm.**
* Experience in using defect tracking/issue tracking/ Bug tracking tool like **Atlassian Jira.**
* Possess good interpersonal, analytical presentation skills, ability to work in self-managed and Team environments.

**Technical Skills:**

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| **Languages** | Python 3.X/2.7, SQL, Shell Scripting |
| **Web Technologies** | AJAX, JSON, jQuery, HTML, XML, CSS, Bootstrap |
| **Framework** | Django, Flask, Web2py, Pyramid, Angular |
| **Web Services** | SOAP, RESTful |
| **Cloud Platforms** | Amazon web services |
| **IDES/Tools** | PyCharm, Sublime Text, Spyder, NetBeans, Eclipse |
| **Application/Web Servers** | Apache Tomcat, IBM WebSphere, BEA WebLogic, Nginix |
| **Database** | Oracle, DB2, MYSQL, MongoDB |
| **Version Control Systems** | Git, GitHub |
| **Project Management Tools** | Jira, HP ALM |
| **Operating Systems** | Windows, iOS, Android |

**Professional Experience:**

**Client: Lands' End, Dodgeville, WI Jan 2021 – Till Date**

**Role: Python Developer**

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of **Software Development Life Cycle (SDLC) and used agile methodology for developing application.**
* Designed and managed API system deployment using fast **HTTP server** and **Amazon AWS architecture**. Utilized Python Libraries like **Boto3, NumPy for AWS.**
* Responsible for developing impressive **UI** using **HTML, jQuery, CSS, Angular** and **Bootstrap**.
* Developed views and templates with **Python** and **Django view controller** and templating language to create a user-friendly website interface.
* Used Python Library **Beautiful Soup 4** for Web Scraping to extract data for building graphs.
* Used **Python** based **GUI** components for the front-end functionality such as selection criteria, created test harness to enable comprehensive testing utilizing Python.
* Used **Python**-distributions like **PyMySQL** to connect with the databases and manipulate data in python language.
* Involved in Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with **Shell script.**
* Used **GitHub** for Python source code version control, Jenkins for automating the build Docker containers.
* Utilized **PyUnit,** the Python Unit test framework, for all Python applications and used Django Database API's to access database objects.
* Improved code reuse and performance by making effective use of various **design patterns**.
* Involved in debugging the applications monitored on **JIRA** using agile methodology.

**Environment:** Python, Django, Angular, TypeScript, Angular CLI, NPM, Node JS, AWS, Boto 3, Beautiful Soup 4, HTTP, PyQT, XML, MySQL, Jenkins, GIT, Jira, Agile, Windows.

**Company: TechDimension IT Solutions, Hyderabad, India Jun 2019 – Nov 2020**

**Role: Python Developer**

**Responsibilities:**

* Involved in all phases of software development life cycle for the case assignment and case management modules.
* Developed frontend and backend modules using **Python** on **Django** including TastyPie Web Framework using Git.
* Implemented various functions in **NumPy** and **Pandas** for mathematical operations and arrays.
* Configured **AWS** Identity and **Access Management (IAM)** Groups and Users for improved login authentication.
* Designed the application using **Python, Django, HTML, CSS, AJAX, JSON** and **jQuery**. Worked on backend of the application.
* Developing the Python automated scripting using **Boto3** library for AWS Security audit and reporting using AWS Lambda for multiple AWS Accounts.
* Used Python to write data into **JSON** files for testing **Django** Websites. Created scripts for data modelling and data import and export.
* Involved in development of Web Services using **SOAP** for sending and getting data from the external interface in the **XML** format.
* Created Data tables utilizing **PyQt** to display customer information and add, delete, update customer records and **PyQuery** for selecting particular DOM elements when parsing **HTML.**
* Used **Jenkins** for continuous integration and deployment. Managed continuous maintenance and troubleshooting of the Project.
* Used **JIRA** for **bug tracking** and issue tracking and used **Agile Methodology** and SCRUM Process.
* Responsible for debugging and troubleshooting the web application.

**Environment:** Python, Django, HTML5, CSS3, Bootstrap, AWS, Boto3, XML, JSON, PyQt, PyQuery, Jenkins, Jira, GIT, Agile, Windows.