**Induja S**

Python Developer | Permanent Resident

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**PROFESSIONAL SUMMARY:**

* **6 years** of experience in Analysis, Design, Development, Management, and Implementation of various standalone and **client - server architecture-based enterprise application software**.
* Extensive Experience with **Agile** with **SCRUM, Waterfall Model** and Test-driven development methodologies
* Expertise in development of web-based applications using **Python, Django, HTML5, Angular 10, XML, CSS3, DHTML, JSON** and **JQuery.**
* Expertise in AWS Resources like **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud** **Formation, Cloud Watch, Security Groups.**
* Experienced in developing **Web Services** with Python programming language and good knowledge of Web Services with protocols **SOAP, REST.**
* Mastering in implementing MVC architecture using **Django** for **web-based applications** in OOP concepts like **Multi-Threading, Exception Handling and Collections.**
* Experienced in working with various Python IDE's using **PyCharm, PyScripter, Spyder, PyStudio and PyDev.**
* Expertise in establishing database connections for Python by configuring packages like **MySQL-Python.**
* Proficient in using different **version control** systems like **GIT, GitHub, & SVN.**
* Well versed with automation tools like **Jenkins** for **continuous integration** and **continuous delivery (CI/CD)** and to implement the End-to-End Automation.
* Experience customizing **JIRA** projects with various schemas, complex workflows, screen schemes, permission schemes, and notification schemes.
* Excellent analytical and problem-solving skills with efficient time management and result oriented attitude.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Python, SQL |
| **Python Web** | Django, Flask |
| **Web Technologies** | Angular 10 |
| **Cloud Technologies** | AWS, S3, EC2 |
| **DATABASES** | MySQL, PostgreSQL, SQLite, MS SQL, Oracle and MongoDB |
| **IDE’s** | Visual Studio Code, PyCharm, Eclipse, Sublime text |
| **Testing Frameworks** | PyTest, Junit, JTest |
| **Bug Tracking Tools** | JIRA, ALM |
| **Operating System** | Windows, iOS, Android |

**PROFESSIONAL EXPERIENCE:**

**Client: Progressive Insurance, Cleveland, OH Sep 2021 – Till Date**

**Role: Python Developer**

**Responsibilities:**

* Performed efficient delivery of code based on principles of **Test-Driven Development (TDD)** and continuous integration to keep in line with **Agile Software Methodology** principles.
* Developed web-based applications using **Python, Django, XML, CSS3, HTML5, Angular 10.**
* Involved in writing Python utilities and scripts to automate tasks in **AWS** using **boto3** and AWS SDK.
* Designed and implemented Continuous Integration and Continuous Deployment frameworks from code to deploy using **Jenkins.**
* Used **Git** version control system for collaborating with teammates and maintaining code versions
* Wrote and executed various **MYSQL database** queries from python using Python-MySQL connector and MySQL dB package.
* Participated in bug thrashing sessions with SQA team to discuss and resolve bugs reported in **JIRA.**

**Environment:** Python, Django, Boto3, HTML5, Bootstrap, Angular 10, AWS, Rest API, Mongo DB, Jenkins, GIT, JIRA, MYSQL, Agile, Windows.

**Client: Valley National Bank, Wayne, NJ Oct 2019 – Aug 2021**

**Role: Python Developer**

**Responsibilities:**

* Followed **Agile Methodology –** Involved in Complete life cycle of **Software Development Life Cycle (SDLC).**
* Automated backups using **AWS SDK (boto3)** to transfer data into **S3 buckets.**
* Developed **GUI** using **Python** an**d Django** for dynamically displaying the test block documentation and other features of python code using a web **Django** browser**.**
* Worked on **Python Open stack API's** and was involved in writing Shell scripts to automate Web Sphere Admin tasks and application specific syncs / backups and other schedulers.
* Worked on **AJAX** framework to transform Datasets and Data tables into **HTTP-serializable JSON** strings.
* Wrote and executed various **MYSQL database** queries from Python using Python-MySQL connector and **MySQL dB package.**
* Worked on **python modules** such as requests, **urllib2** for **web crawling** and even used **PyUnit**, for Python unit test framework.
* Created Local Virtual repositories for the project and release builds, repository management in **Maven** to share snapshots.
* Embedded automated build system, **Jenkins** to save built into repository.
* Organized the configurations and versions of the code using **GIT** version control system.
* Logged user stories and acceptance criteria in **JIRA** for features by evaluating output requirements and formats.

Environment: Python, Django, AWS, Boto3, Shell Script, XML, Angular, HTML5, PyUnit, Maven, Jenkins, Jira, MySQL, Agile, GIT, Windows.

**Client: Dollar Tree, Chesapeake, VA Feb 2018 – Sep 2019**

**Role: Python Developer**

**Responsibilities:**

* Performed efficient delivery of code based on principles of **Test-Driven Development (TDD)** and continuous integration to keep in line with **Agile Software Methodology** principles.
* Developed views and templates with **Python** and **Django** view controller and templating language to create a user-friendly Website interface.
* Involved in **Python OOD** code for Logging, Monitoring and Debugging for code optimization.
* Wrote Python routines to log into the websites and fetch data for selected options.
* Worked on building out, **page views, templates**, and CSS layouts for the complete site within the Django framework.
* Designed and implemented several Maven plug-ins for simplifying common configuration management tasks and Used **Git as the repository.**
* Used **JIRA** for bug tracking and issue tracking and added several options to the application to choose particular algorithm for data and address generation.

**Environment:** Python, Django, HTML5, CSS3, JSON, GIT, JIRA, Agile, Windows.

**Client: Selective Insurance, Branchville, NJ Aug 2016 – Jan 2018**

**Role: Python Developer**

**Responsibilities:**

* Coded model level validation and provide guidance in making long term architectural design decisions and also used **Agile Methodology** and **SCRUM process.**
* Utilized the existing **Python and Django modules** and rewritten to deliver data in required formats.
* Built database Model, APIs and Views utilizing Python, to build an interactive web-based solution.
* Worked on **object-oriented programming (OOP)** concepts using **Python.**
* Designed **Django REST** web services using **Python** and **Django** to **get** and **post data.**
* Used Python and Django creating graphics, **XML** processing of documents, data exchange and business logic implementation between servers.
* Handled **exceptions** and **used-test cases** by writing **python-scripts** to refrain website from rendering **Error codes**.
* Using **Gitlab** for continuous integration and deployment and **Git** version control system for collaborating with teammates and maintaining code versions.
* Logged user stories and acceptance criteria in **JIRA** for features by evaluating output requirements and formats

**Environment:** Python, Django, HTML5, CSS3, Oracle, Git, Jira, Agile, Windows.

**Education**:

Bachelors in Technology from Amrita Institute of Technology India May 2008