**Inara
 Full Stack Python Developer**

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Contact No: **9733290756; EXT 457**

**PROFESSIONAL SUMMARY:**

* **Having** **8+ Years** of IT experience as a **Web/Application Developer** and coding with analytical programming using **Python and Django.**
* Experienced with full software development life cycle, designing scalable platforms, object-oriented programming, database design and agile methodologies.
* Experienced in **LAMP** (Linux, Apache, MySQL and Python), **WAMP** (Windows, Apache, MySQL, Python) architecture.
* Excellent experience with **Python** development under **Linux OS** (Debian, Ubuntu, SUSE Linux, RedHat Linux, Fedora).
* Experience with several Python packages like **Numpy, Matplotlib, Scipy, PyQt, wxpython and PyTables.**
* Experience in developing web applications by following Model View Control (MVC) Architecture using server side application **Django.**
* Experience in developing web services **(WSDL, SOAP and REST)** and consuming web services with python programming language.
* Very good experience with cloud platforms like **Amazon AWS.**
* Experience in working with **Python ORM** Libraries including **Django ORM.**
* Good experience with **Python** frameworks like **Django and WebApp2.**
* Experienced in working with various Python Integrated Development Environments like **NetBeans, PyCharm, PyScripter, PyDev, Eclipse and Sublime Text.**
* Proficient in Front end development experience using **HTML5, XML, CSS, jQuery, JSON, JavaScript, Angular.js, and Bootstrap.**
* Strong exposure in writing simple and **complex SQL** queries and creating **PL/SQL Functions**, Stored Procedures.
* Good Knowledge on **Amazon Web Services** (AWS) Cloud services such as **EC2, EBS, S3, VPC, Cloud Watch,** and **Elastic Load Balancer.**
* Expert on **OOPS**, Multi-threading, Exception-Handling & Collections in python.
* Experience implementing **Object Oriented Python**, **Hash Tables** (Dictionaries) **and Multithreading, Django, MYSQL.**
* Experience using version control system such as **GIT.**
* Experience in relational databases like **Oracle MS SQL server, developing PL/SQL packages,** Stored Procedures, Functions, Views, Indexes, **Triggers, XML join,** user defined data types and other complex queries.
* Having experienced in **Agile** Methodologies, Scrum stories and sprints experience in a **Python** based environment, along with data analytics, data wrangling and Excel data extracts.
* Ensured quality and deadlines using **Jenkins, Pylint, Git Hub, SVN and JIRA**
* Experience with working on multiple environments like development, testing, production. Excellent analytical and problem-solving skills and ability to work on own besides being valuable and contributing team player.
* Excellent communication and interpersonal skills with ability to interact with individuals at all levels and can work as a part of team as well as independently.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Python /2.x, SQL  |
| **Python Framework** | Django, Flask |
| **IDE’S** | Eclipse, PyCharm |
| **Databases** | MS SQL, MySQL, Oracle |
| **Web Technologies** | XML, CSS3, HTML5, DHTML, JavaScript, JQuery, MVC, Bootstrap, RESTful, AJAX, Angular JS, Java Script  |
| **Web Services** | SOAP, REST |
| **Methodologies** | Agile, Scrum |
| **Operating Systems** | Window, UNIX, Linux |

**PROFESSIONAL SUMMARY:**

**Client: Honeywell-Charlotte, NC Feb 2021 – Till Date Role: Full Stack Python Developer**

**Responsibilities:**

* Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
* Designed the architecture of the hardware environments and methodology of the code.
* Developed multi-threaded standalone app in **Python**, to view Circuit parameters and performance.
* Worked with team of developers on **Python** applications for **RISK** management.
* Developed web applications in **Django Framework's** model view control (MVC) architecture and manipulated databases by using **Django database API** along with **MySQL.**
* Created a **Python, Django** web-based application using Python scripting for data processing and **MySQL** for database, **HTML5, CSS and JQuery** for data visualization.
* Developed entire frontend and backend modules using **Python on Django** Web Framework.
* Provided GUI utilizing **PyQt** for the end user to create, modify and view reports based on client data.
* Designed and developed a horizontally scalable APIs using **Django.**
* Using **Amazon EC2 command** line interface along with **Bash/Python** to automate repetitive work.
* Worked with View Sets in **Django-REST** framework for providing web services and consumed web services performing CRUD operations.
* Designed and Developed User Interface using front-end technologies like **HTML5, CSS3, JavaScript, Bootstrap** and **JSON.**
* Integrate the dynamic pages with **Angular.JS** and **JQuery** to make the pages dynamic.
* Worked in an **agile** development environment.
* Created multiple **Python and UNIX shell Scripts** for various application level tasks.
* Used **Test driven approach** for developing the application and Implemented the unit tests using **Python Unit test** framework.
Wrote and executed various **MYSQL database** queries from **Python** using **Python-MySQL** connector and **MySQL dB package.**
* Developed weekly, monthly nightly job process through **UNIX shell scripting.**
* Responsible for debugging and troubleshooting the web application.

**Environment**: Python, Django, AWS, PyQt, Agile, Angular.js, JQuery, CSS3, DHTML, HTML5, JavaScript, Bootstrap, GitHub, Shell Scripts, Restful API, MySQL, LINUX, and Windows.

**Client: S&P Global- New York, NY Aug 2020 – Jan 2021**

**Role: Full Stack Python Developer**

**Responsibilities:**

* Responsible for gathering requirements, system analysis, design, development, testing and deployment.
* Rewrite existing **Python/Django** modules to deliver certain format of data.
* Used **Django** Database API's to access database objects.
* Developed GUI using **webapp2** for dynamically displaying the test block documentation and other features of **Python** code using a web browser.
* Used **Python** module named Pandas for data manipulation.
* Involved in building database **Model, APIs** and Views utilizing **Python**, to build an interactive web-based solution.
* Wrote **Python** scripts to parse **XML** documents and load the data in database.
* Used **Wire shark, live http headers**, and **Fiddler2** debugging proxy to debug the **Flash object** and help the developer create a functional component.
* Utilized **Python** in the handling of all hits on **Django** and other applications.
* Created **Python Scripts** to automate **AWS** services which includes **Web servers,** **ELB, Cloud Front distribution,** database, **EC2** and database security groups, **S3 bucket** and application configuration.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the **CSS3, HTML5, JavaScript, Angular.js and JQuery.**
* Used **JQuery** for all client side **JavaScript** manipulation.
* Used **Python** to place data into **JSON files** for testing **Django** Websites.
* Developed entire frontend and backend modules using **Python** on **Django** Web Framework.
* Development of **Python APIs** to dump the array structures in the Processor at the failure point for debugging.
* Worked on **Python Open stack API’s** used **Python scripts** to update content in the database and manipulate files.
* Used **GIT** control tool to coordinate team-development.
* Developed in Windows and going to deploy it in **Linux server.**
* Responsible for debugging and troubleshooting the web application.

**Environment**: Python, Django, webapp2, Wire shark, Fiddler2, Flash, Angular.js, HTML5, CSS3, JQuery, AWS, Shell Scripting, Java Script, JQuery, JSON, MySQL, Git, Apache and Linux.

**Client: FactSet, India Sep 2017 – Dec 2019**

**Role: Python Developer**

**Responsibilities:**

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* Responsible for debugging and troubleshooting the web application.

**Environment**: Python, Django, webapp2, Wire shark, Fiddler2, Flash, Angular.js, HTML5, CSS3, JQuery, AWS, Shell Scripting, Java Script, JQuery, JSON, MySQL, Git, Apache and Linux.

**Client: FIN Infocom, India Apr 2014– Aug 2017**

**Role: Python Developer**

**Responsibilities:**

* Exposed to various phases of Software Development Life Cycle using Agile - Scrum Software development methodology.
* Developed views and templates with **Python** and **Django's** view controller and templating language to create a user-friendly website interface.
* Developed the customer complaints application using **Django Framework,** which includes **Python code.**
* Implemented web applications using Django framework following MVC architecture.
* Developed **Restful API's** using **Django and SQLAlchemy** data models as well as ensured code quality by writing unit tests using **PyTest.**
* Worked on JavaScript MVC Framework like **Angular.js.**
* Worked on **Python** Open stack API's.
* Used **Python Library Beautiful Soup** for web scrapping to extract data for building graphs.
* Created entire application using **Python,** **Django,** **MySQL and Linux.**
* Created Data tables utilizing **PyQt** to display patient and policy information and add, delete, update patient records.
* Involved in web designing using **HTML 5, XHTML, CSS 3, JQuery, JavaScript** extensively used Table less Design in **CSS** for positioning.
* Developed the required **XML Schema** documents and implemented the framework for parsing **XML** documents.
* Used **JQuery and Ajax calls** for transmitting **JSON** data objects between frontend and controllers.
* Created a **Git** repository and added the project to **GitHub.**
* Utilize **PyUnit**, the **Python** unit test framework, for all **Python** applications.
* Designed and developed the UI of the website using **HTML, XHTML, AJAX, CSS** and **JavaScript.**
* Worked in **MySQL** and **NoSQL** database on simple queries and writing Stored Procedures for normalization and renormalization.
* Responsible for debugging and troubleshooting of web application.

**Environment**: Python, Django, SQL Alchemy, PyTest, PyQt, Beautiful soup, Angular.js, XML Schema, Java Script, AJAX, JQuery, JSON, MySQL, Git, Apache, Linux and Windows.

**Client:** **W3Softech, India Jun 2013 - Mar 2014**

**Role: Junior Python Developer**

**Responsibilities:**

* Requirement Analysis and Estimation of project timelines.
* Created Business Logic using **Python** to create Planning and Tracking functions.
* Developed **Python** batch processors to consume and produce various feeds.
* Developed internal auxiliary web apps using **Django framework** with **CSS / HTML** framework.
* Involved in designing, constructing and documenting various object-oriented applications using UML, Rational Rose.
* Built database Model, Views and API's using **Python** for interactive web based solutions.
* Used **Python scripts** to update the content in database and manipulate files.
* Designed and developed the presentation layer/client end using **HTML, XML, DHTML and JSP**.
* Wrote **SQL Queries**, Store Procedures, Triggers and functions in **MySQL** Databases.
* Coordinate with SMEs, other architects, and senior technical staff to identify client’s needs, document assumptions, and build-out new requirements and move code through user acceptance testing.
* Implemented Test Driven Development (TDD) strategy for the project.
* Developed and executed User Acceptance Testing portion of test plan.

**Environment:** Python, Django, HTML5, CSS3, JSP, XML, TDD, SQL, MYSQL and Windows.