# Asimuddin Mohammed

**Sr.Python Developer**

**www.linkedin.com/in/asimuddin-mohammed-762483230**

**Canadian PR**

**Email:**[**engdevasim@gmail.com**](mailto:engdevasim@gmail.com) **Ph: 647-797-5839**

**PROFESSIONAL SUMMARY**:

* **9+ years** of experience as a **Web/Application Developer** with good understanding of technology trends with expertise in core of complex technologies.
* experience in developing web-based applications using **python, Django, XML, CSS, HTML, Java, JavaScript, jQuery and AngularJS.**
* Extensive experience in using Bootstrap, **AJAX, JSP, JDBC**.
* Familiar with **JSON** based **Rest Web Services** and **Amazon Web services**.
* Experience in working with **Python ORM** Libraries including **Django ORM.**
* Involved in the development of Web Services using SOAP for sending and getting data from the external interface in the XML format.
* Good experience in developing web applications implementing **MVT/MVC** architecture using **Django, Flask** and **spring web application frameworks.**
* Wrote ANSIBLE Playbooks with Python, SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using Python. Run Ansible Scripts to provision Dev servers.
* Good experience of software development in Python (libraries used: **Beautiful Soup, NumPy, SciPy, Matplotlib, Python-twitter, Pandas data frame, MySQL DB for database connectivity**).
* Experience in analyzing and handling large database using Oracle Relational Data Architecture.
* Good experience in Play Framework with Scala.
* Worked on standard python packages like boto and boto3 for AWS.
* Hands on Experience in AWS like Amazon EC2, Amazon S3, Amazon Redshift, Amazon EMR and Amazon SQS.
* Good experience in working with various Python Integrated Development Environments like **PyCharm, PyScripter, PyStudio, PyDev, Net Beans and Sublime Text**.
* Experience in writing **test plans, test cases, test specifications** and **test coverage**.
* Followed **Agile** and **Waterfall** Methodologies (Scrum) involved in daily stand-up meetings.
* Expert knowledge and experience in **object-oriented programming (OOP).**
* Experienced in **WAMP** (Windows, Apache, MYSQL, and Python) and **LAMP** (Linux, Apache, MySQL, and Python) Architecture.
* Experience in Testing by validations through **cyber security** and to protect the data through **OWASP** strategies.
* Proficient in developing web-based applications using **Python, Django, Flask, HTML, XML, JSON, CSS, Java Script & AJAX.**
* Experience in increasing speed and memory efficiency by implementing code migration to convert python code to **C/C++** using **Python.**
* Extensive experience in system analysis, design, development and implementation of web based and client/server application.
* Experience with Build Automation Tool Maven for writing the **SCM Tools like Git, GitHub**.
* Build Back-end support for Application from ground up using **Python, Shell scripts & Perl**.
* Good experience in handling errors/exceptions and debugging the issues in large scale applications

**TECHNICAL SKILLS**

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| --- | --- |
| Operating Systems | Unix, Linux, Ubuntu, Windows. |
| Programming Languages | C, C++, Java, Python, R, Machine Learning, Scala, PL/SQL, CSS, HTML. |
| Databases | Oracle, MySQL, SQL Server and PostgreSQL, MongoDB, NoSQL, Cassandra. |
| Frameworks | Django, Flask, AngularJS, React, MVC. |
| Integration Tools | Jenkins, IBM integration and Web Builder |
| Web Server | Apache, Node JS, Tomcat, SOAP, Kafka |
| Defect Tracking | JIRA, Bugzilla, and VersionOne |
| Cloud services | AWS, Microsoft Azure, GCP, EC2, IAM, S3. |

**PROFESSIONAL EXPERIENCE**

**Tech Mahindra , Canada Apr 2020 - Present**

**Role: Python Developer**

**Roles & Responsibilities**

* Designed and developed the User Interface for the project using **HTML, CSS, JavaScript** and **AJAX**.
* Developed views and templates with **Django’s MVT** (model, view and template) to create a user-friendly website.
* Worked on **MVC** architecture using **PHP, Python** as controller.
* Worked on packages like **Socket, REST API, Django.**
* Experience in using collections in **Python** for manipulating and looping through different user defined objects.
* Involved in front end and utilized **Bootstrap** and **AngularJS** for page design.
* Created Business Logic using **Python** to create Planning and Tracking functions.
* Involved in building database Model, APIs and Views utilizing **Python**, to build an interactive web-based solution.
* Designed and created backend data access modules using **PL/SQL** stored procedures.
* Design and implemented custom Bash scripts for controlling the data flow from the **PostgreSQL** database.
* Wrote **REST APIs,** as part of developing web-based applications using **Django REST framework**.
* Responsible for debugging the project monitored on JIRA.
* Used **Django** Database **API** to access database objects.
* Used automation into the stages of app development using **CI/CD** methodologies for frequently delivering the apps.
* Experience working in cloud environments such as AWS
* Utilized Python Libraries like Boto3, numPY for AWS.
* Use AWS to manage and grow our cloud strategy
* Worked with Level two support team, **DBAs** and infrastructure team to improve the efficiency and capacity of our system.
* Utilized **Punit**, the **Python** unit test framework, for all **Python** applications.
* Creating unit test/regression test framework for working/new code.
* Risk analysis for potential points of failure (database, communication points and file system errors).
* Extensive use of version controlling systems like **GIT** and **SVN**.
* Actively worked as a part of team with managers and other staff to meet the goals of the project in the stipulated time.

**Environment**: Python, Django, Flask, PHP, C++, HTML, CSS, jQuery, AJAX, XHTML, AngularJS, JavaScript, XML, GitHub, Flash, MYSQL, PL/SQL.

**SKM EQUIPMENT, Sharjah - UAE Apr 2018 - Feb 2020**

**Role: Python Developer**

**Roles & Responsibilities**

* Worked in various stage of software development life cycle includes requirements, analysis, design, development, deployment and testing of an application for business outputs.
* Worked on web application development and deployment.  - UI screens, security, logging, backend services.
* Written backend programming/routes in **FLASK**
* Developed views and templates in Django to create a user-friendly website interface.
* Created **RESTful services** to interact with fronted and backend.
* Designed front-end screens with **HTML, CSS** and **Object-oriented JavaScript.**
* Used Gulp to compile Uglify/Minify and compress JS files.
* Involved in designing application system requirements and coded back-end and front-end in **Python** using **Flask REST framework.**
* Worked on standard python packages like boto and boto3 for AWS.
* Hands on Experience in AWS like Amazon EC2, Amazon S3, Amazon Redshift, Amazon EMR and Amazon SQS.
* Working in **LINUX** environment in developing the application and familiar with all its commands.
* Utilized urllib2 module to open URL, Extracted App details by parsing HTML source code using Beautiful Soup
* Used Python Library Beautiful Soup for web Scrapping to extract data for building graphs
* Working on Server-Side validations using **REGEX** sent response by using **JSON,** by following the OWASP Strategies.
* Created new connections through applications for better access to MySQL database and involved in writing **SQL & PLSQL -** Stored procedures, functions, sequences, triggers, cursors, object types etc.
* Used Play Framework with **Scala.**
* Designed **RabbitMQ/MongoDB** pipeline for routing/storing of email bounce handling records.
* To install the packages like gulp-bundle for **Java Script** through **NPM**
* Worked on developing web pages using **JavaScript, HTML, CSS, JSON, XML.**
* Used much Regular expressions in order to match the pattern with the existing one.
* Developed and tested many features in an **Agile** environment using **Python, Django, HTML5, CSS, JavaScript, Bootstrap.**
* Creating and configuring virtual development environments with **Chef** and **Virtual Box**.
* Managed code with unit tests and **GitHub**.
* Used AJAX to modify small portions of the web pages by sending a request to the server avoiding the need of reloading the entire web page and for transmitting **JSON** data objects between frontend and controllers
* Responsible for debugging and troubleshooting the web application.
* Used **SQL** Alchemy to filter the query by created models for the tables for the Database.
* Interactive in providing change requests, trouble reports and requirements collection with the client.
* Installed numerous **Python** packages using pip and easy install.
* Used Python requests modules like **HTTP** requests, response, methods.
* Unit Tested the application using **PYTEST**.

**Environment:** Python, Flask, HTML, CSS, JAVASCRIPT, Django 1.7, AJAX, JSON,MYSQL, SQL Alchemy, REST APIS, Linux, Jenkins and GIT.

**GAMI MANUFACRTURING, Abu Dubai- UAE JUN 2015 – AUG 2017**

**Role: Python Developer**

**Roles & Responsibilities**

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used agile methodology for developing the application
* Upgraded existing **UI** with **HTML, CSS, jQuery,** and **Bootstrap**.
* Designed and developed, Use-Case Class and Object Diagrams using UML Rational Rose for Object-Oriented Analysis/Object Oriented Design techniques.
* Designed and developed data management system using **MySQL**. Built application logic using **Python 2.7.**
* Used **Django APIs** for database access.
* Developed **RESTful services** using **Django.**
* Designed and developed communication between client and server using Secured Web services.
* Developed and tested many features for a dashboard using **Python, Java, Bootstrap, CSS, JavaScript**, and **jQuery.**
* Designed and developed data management system using **MySQL**. Involved in Agile Methodologies and **SCRUM** Process.
* Participated in the complete **SDLC** process.
* Create and enhanced existing automated solutions.
* Parse **JSON** and **XML** data using **Python**.
* Responsible for debugging and troubleshooting the web application.
* Experienced in **Writing Indexes, Views, Constraints, Stored Procedures, Triggers, Cursors** and user-defined functions or subroutines in **MySQL**.
* Utilized Subversion control tool to coordinate teamwork.
* Used Selenium Libraries to write fully functioning test automation process.

**Environment:** Python, HTML, CSS, Bootstrap, OOP, MYSQL, Java, JavaScript, jQuery, Rational Rose, Django, XML, JSON, SDLC, Agile**.**

**SKM EQUIPMENT, Sharjah - UAE FEB 2012– JAN 2015**

**Role: Software Developer**

**Roles & Responsibilities**

* Participated in the complete **SDLC** process and used **Python** to develop website functionality.
* Designed and developed the UI of the website using **HTML, XHTML, AJAX, CSS** and **JavaScript**.
* Developed entire frontend and backend modules using **Python** on **Django Web Framework.**
* Designed and developed data management system using **MySQL**.
* Built application logic using **Python** and also used **Mysql** for database access.
* Used **Python** to extract information from XML files.
* Participated in requirement gathering and worked closely with the architect in designing and modeling.
* Worked on installing and setting up the channels by using **Django**. Used **Java**Script and **JSON** to update a portion of a webpage.
* Involved in gathering and analyzing system requirements.
* Performed joins, group by and other operations in MapReduce using **Python**.
* Followed Agile Methodologies to manage full life-cycle development of the project.
* Implemented monitoring and established best practices around using elastic search.
* Effectively communicated with the external vendors to resolve queries.
* Involved in doing AGILE (SCRUM) practices and planning of sprint attending daily agile (SCRUM) meetings and SPRINT retrospective meetings to produce quality deliverables within time.

**Environment:** Python, Django Framework, JavaScript, CSS, SQL, MySQL, LAMP, jQuery, Adobe Dreamweaver, Apache web server.

**EDUCATIONAL QUALIFICATIONS:**

Completed B.E (Mechanical Engineering) from Osmania University In 2011

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*“Thank you”*