AJIT KUMAR SAHOO

**PYTHON DEVELOPER**

**Email:asahoo28@yahoo.com**

**M: +91-9937768642**

Offering **4+ years** of sterling experience in a fiercely competitive scenario

To perform, utilizing my skills and knowledge, in a manner which will lead to the successful growth of the organization and which will be beneficial for me and my successful career.

**Technical Skills:**

* Programming Languages : Python
* Frameworks : Django,Pyramid,DRF,React
* Web Technologies : HTML,CSS,Javascript,Bootstarp
* Tools and Software : Docker,GIT, Bitbucket, JIRA , Rally
* IDES : Pycharm , Eclipse , VSCode , Sublime Text , Notepad++
* Databases : SQLite3, MySQL
* Operating System : Windows , Ubuntu
* Communication Tools : Webex Teams, MS Teams and Outlook and Roundcube for mails

# Professional Experience:- Nov 2016 to Till Date

* Having Good Extensive experience in Developing/Handling highly interactive web based applications specially using Python & Django.
* Experience in Design, Development, Testing, Enhancement and Maintenance of Applications and Tools.
* Implemented **MVT/MVC**architecture in developing the web application with the help of Django framework.
* Used many **regular expressions** in order to match the pattern with the existing one and store them in data base on a chronological basis and strictly follow the **OOP** concept .
* Good Experience in debugging the issues using debuggers like **Pdb** tools .
* Extensively used Django technologies ,which includes **forms**, **templates** and **ORM** for communication with database in different forms.
* Familiarity with some **ORM (Object Relational Mapper)** libraries.
* Experience in developed the API through DRF.
* Build all database mapping classes using Django models with the help of ORM like SQLAlchemy.
* Experience with SQL and CRUD operations.
* Strongly follow PEP-8 coding standard and test a program by running it across test cases to ensure validity and effectiveness of code using PyChecker and PyLint.
* Generating SQL queries in  **MySql and SQLite3**.
* Improved performance by using more modularized approach and using more in built methods.
* Building reusable code and libraries for future use.

# Job Title History:-

* Company 1 : MIRAFRA Technologies Pvt. Ltd **Dec 2019 – Till Date**

Role : Senior Software Engineer

* Company 2 : Redefine Techsoft Pvt. Ltd **Nov 2016 – Dec 2019**

Role : Software Engineer

# Projects

**Migration Tools || Client :CISCO , Bangalore || Dec** 2019**-** Present

**Technologies & Tools : Python, Pyramid, Docker, Sqlite3,MySql, UI, GIT , Bitbucket, Rally,PyCharm,Eclipse**

**Description:**

The main function of the migration tool is to convert the router config and display the report. Migration Tools is a suite of smart tools that facilitate smooth migration projects and help deliver predictable, consistent and cost effective services. This portal complements the Easy Migrate site by providing the user access to various tools required during a successful migration lifecycle.

The Migration Tools portal empowers the user to:

* Evaluate migration readiness (hardware and software) of devices using **Cisco Upgrade Readiness Evaluator(CURE).**
* Convert config for the devices being migrated through **Cisco Config Convertor (CCC).**
* Perform pre and post migration checks and access Method of Procedure in **Cisco Migration Assistant (CMA).**

Roles & Responsibilities:

* Responsible for CCC , CMA & CURESW Tool.
* This tool basically following the OOP’s concept.
* Rewrite existing Python modules to deliver certain format of data.
* Used test driven approach for developing the application and implemented the unit tests using Python unit test framework.
* Involving the creation or modification of the python codes for the addition of new features and the enhancements of the existing features or functionalities as per the requirement of product.
* Involving in creating python scripts for the build and configuration of the product files.
* Build and configuration is an internal module responsible for creating the build files using the various components, interfaces, parameters files etc.
* Doing Continuous Integration testing, Continuous Delivery and Continuous Deployments in Dev, Stage and Production Servers.
* Upgrade whole python2.X code to python3.X code of CCC , CMA , CURESW.

**Insurance Product|| Client :QIC , Qatar ||** NOV 2017**-** Dec 2019

**Technologies & Tools : Python, Django, RestApi , Mysql , HTML, CSS, JavaScript, GIT , JIRA ,PyCharm , VSCode**

**Description:**

The main function of the insurance is to provide protection against the probable chances of loss. The time and amount of loss are uncertain and at the happening of risk, the person will suffer loss in absence of insurance. The insurance guarantees the payment of loss and thus protects the assured from sufferings

Roles & Responsibilities : -

* Extensively used DJANGO technologies, which includes forms, templates and ORM for communication with database in different forms.
* Used test driven approach for developing the application and implemented the unit tests using Python unit test framework.
* Created APIS, database model and views utilization python in order to build responsive web page application.
* Usage of advance features like pickle/unpickle in python for sharing the information across the applications.
* Created dynamic urls and implemented Rest API’s.
* Implemented JWT token for authentication purpose.
* Written new packages for business logic, calculation & validation.
* Implemented and integrate other components with an existing applications.

**Ecommerce Portal || Client :M & Co. , Scotland||**FEB 2017 – OCT 2017

**Development Tool : Python, Django, MySql, HTML, CSS, JavaScript, GIT, JIRA, PyCharm, VSCode**

**Description:**

An E-commerce portal which will allow formal informal merchants in developing countries to advertise and sell their goods on the internet. This would permit rural communities to make their wares available to the rest of the world wide web.

The objective of this project is to create an e-commerce web portal with content management system which would allow product information to be updated securely using a mobile device . The web portal will have an online interface in the form of an e-commerce website that will allow users to buy goods from the merchant

Responsible for total User management and visitor management module

* Responsible for creating login and register module.
* Responsible for creating Forget password module and OTP & email verification module.
* Actively apply feedback received and strive to continually improve performance.
* Develop and responsible for content management system
* Responsible and develop for product , merchant and customer table.
* Design and develop related applications, for example : dashboard reports , console applications etc.
* Develop , maintain and execute comprehensive ecommerce platform regression testing scripts.
* Develop test scripts and execute functional tests across a variety of environment.
* Accommodated complex business to consumer website.

# Qualification

**BACHELORS OF TECHNOLOGY**

**BPUT , Odisha**