**Surendra Mohanty**

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**Experience Summary:**

* Having 4 years of experience as a Web/Application Developer and coding with analytical programming using Python, Django.
* Built Web applications using Python, Django, JavaScript, HTML.
* Good knowledge of **Object Oriented Programming** concepts.
* 2+ years of experience in implementing Object-Oriented **Python, Hash Tables** (Dictionaries), List and Tuple.
* Experience in installing software using pip command for python libraries and extensive usage of the PEP8 coding convention.
* Good understanding on **Django ORM**.
* Experienced in interfacing with third party API’s using **REST**.
* Experienced in developing web-based applications using **Python and JSON**.
* Experience in using Design Patterns such as MVT and frameworks such as Django,
* Has the motivation to take independent responsibility as well as ability to contribute and be a productive team player.
* Hands-on experience in deploying in to web servers of **Apache Tomcat.**

**Experience Profile:**

Currently Associated with L&T Technology and services as a Software Developer from August 2016 to August 2020.

**Academic Profile:**

* **MCA** from BijuPatanaikUniversityOfTechnology,Orissa in 2014.

**Technical Profile:**

* Programming Languages :-java,Python 3.7,Numpy,Pandas
* Operating Systems :-Windows7,Linux
* IDE :- Pycharm 11.0,Anaconda 5.0
* Database Software :- Oracle 10g,mysql
* Servers :-Apache Tomcat 9.0,
* Frameworks :- Django 2.0,Spring,Hibernate
* ORM Tools :-Django ORM
* Logging Tool :- Log4J
* Repository :- GitHub2.17
* Build Tool :-Maven
* **Web API :- RESTful APIs,Apigee**
* **Integration Testing Tool :- Postman**
* **Cloud :- AWS**
* **FrontEnd :-HTML,CSS,JAVASCRIPT**

**Project Profile:**

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| **Project # 2** | E-cart(Online shopping system) |
| **Duration** | Sept 2018 To March 2020 |
| **Client** | **SMG UK LTD** |
| **Role** | * Involved in cart module to develop in Deducted amount through Payment Gateway and provide discount to the product item. * CRUD operation. * ORM (Object Relational Mapping with Database Table. * Sending messages to customers get the information related to product discount, price, Available item using Third party API like RabbitMQ. * Setup email service sent to the customer. |
| **Technology** | Python3.7,Django2.0,RESTfulAPI,Windows7,Tomcat8.Oracle11g, RabbitMQ,Numpy,Panda |
| **Description** | This project allows different customers to shop different branded items under one roof. The customer who is using this system can compare the prices and shop different items very flexibly. Every user has to read and agree to the user license agreement. The shopper can take the decision to improve the business depending on the current customer rate and their bills. To satisfy the customer's needs the online shopping cart system comes to the doorstep of every customer online and provides all the facilities that the customer faces when he shops manually. The shopper can store the Day to day transactions in the database and so that he can go back to any earlier transaction and he can check it. The customer can see the status of goods delivery also by sitting at home. The shopper can also see the delivery status and can deliver goods to undelivered customers. Shoppers can generate user-friendly reports to analyze the business statistics. Shoppers can maintain the list of categories, list of products in a category, list of orders, order tracking and payments through user-friendly screens. This Shopping Cart application consists of various modules.  **Administration Module:** This module is responsible for administration activities such as adding new users, storing their details, responsible to add the items, modifying the book details etc.  **Customer module:** The customer can see the status of goods delivery also by sitting at home. The shopper can also see the delivery status and can deliver goods to undelivered customers. Shoppers can generate user-friendly reports to analyze the business statistics. Shoppers can maintain the list of categories, list of products in a category, list of orders, order tracking and payments through user-friendly screens.  **Cart Module:**The user, using the search criteria, calls this module after the selection of a book. This module helps the user by adding a book to the Cart and placing an order. This process can be employed for more than one book also. Credit card system is provided to credit the billed amount from the user’s bank account.  **Search Criteria Module:** This module starts its execution once the user is authenticated. This helps the user, to search for a particular book either by title or author.  **Account module:** This module asks the registered users to logon by providing the information regarding their identity such as username and password. It also allows the unregistered users to get registered by showing a hyperlink. The hyperlink shown for the unregistered users. Invokes this module, which enables the unregistered user to fill the registration details.  **Product module:** At the first stage, consumers typically screen a largest of available products and identify a subset of the most promising alternatives. Subsequently, they evaluate the latter in more depth, perform relative comparisons across products on important attributes, and make a purchase decision. So this application provides a facility to do this to a greater extent. |

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| **Project # 1** | Health Care System |
| **Duration** | March 2017 To Feb 2018 |
| **Client** | **TCS MEDIA PVT LTD** |
| **Role** | * Involved in Billing Module to Generate a Payment Bill and Deducted amount through .mode of online Payment Gateway. * ORM (Object Relational Mapping with DataBase Table. * Design URL Pattern. * Used Client and Server side Validation. * User authentication and authorization between multiple systems, servers, and environments. |
| **Technology** | Java,Springboot,Hibernate,RESTfulAPI,Windows 7 Tomcat 8,Mysql |
| **Description** | The project is aimed to develop a web based software,which is used to handle all operations in hospitals,and can provide a better service to patients.  **Administrator module:**This module maintains the services to the system administrator who is authenticated upon the system.This module also binds itself with the employees,doctors and patients.  **Employee Module:**This module maintains the information related to the Employee and customers who have been signed to the system as well as the internal information of the organization.  **Doctor module:**This module maintains the information related to the doctors and patients who have been signed upon the system.This module contains the information like doctor details and treatment(Diagnosis report).  **Patient module:**This module maintains the information related to the patient.  **Billing module:**This module maintains the information related to the patients who Have been signed upon to the system.This module contains the information likePatient bill payment,lab surgery charges and discharge information. |

**Personal Details:**

Name : Surendra Mohanty

Gender **:** Male

Date of Birth **:** 10-05- 1991

Nationality  **:** Indian

Languages Known: English

Current Location : Bangalore