Debasis Dhal

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PROFILE

A strong foundation in Python programming and a passion for learning new technologies. Proficient in core Python concepts, object-oriented programming (OOP), and familiar with frameworks like Flask. working with RESTful APIs, databases (SQL/NoSQL), and version control (Git), cloud services (AWS) or hands-on experience in Angular, Spring boot.

SKILLS

- **Python, Flask**
- **Java, Spring boot**
- **Angular, Javascript**
- **Oracle, MySql**
- **AWS, GIT**

EDUCATION

- M.sc from U.N (AUTO)COLLEGE OF SC. & TECH (Utkal University- Bhubaneswar, Odisha) .

- Intermediate from Gopabandhu Choudhury College, Ramachandrapur, Jajpur, in B.S.C

EXPERIENCE | PROJECTS

Project-1   :   Online Store Development for [Local Shop]

Project Overview/Objective:

The project aimed to create an online platform for [Local Shop] to sell its products/services over the internet, allowing customers to browse, select, and purchase items conveniently.

Key Features:

- Product Catalog:- Displayed a variety of products with descriptions, prices, and images.

- User Registration/Login:- Enabled customers to create accounts or log in to existing ones.

- Shopping Cart:- Allowed users to add/remove items and proceed to checkout.

- Order Management:- Provided tools for managing orders, tracking shipments, and handling returns.

- Search Functionality:- Allowed users to search for specific products using keywords or filters.

- Seller Features:- seller signup, login, crud-operation product, manage order

Project-2 : E-commerce platform

Project Description:
Developed a fully functional Amazon Clone using Python, simulating key features such as user authentication, product browsing, shopping cart, and order management. The project also incorporated backend services, APIs, and database integration to handle real-time product data and user transactions.

Key Features:
- User Authentication & Authorization: Implemented secure user sign-up, login, and role-based access using OAuth or JWT (JSON Web Tokens).

- Product Listings & Search: Developed dynamic product browsing with filtering, sorting, and search functionality using RESTful APIs.

- Shopping Cart & Checkout: Implemented a shopping cart system allowing users to add/remove products and proceed to checkout.

- Payment Gateway Integration: Integrated payment gateways (e.g., Stripe or PayPal) to handle transactions.

- Order Management: Created an order tracking system to handle order placement, status updates, and history.

Technologies Used:
Backend:
- Framework: Flask (for API and server-side logic)
- Database: MySQL (for storing product, user, and order data)
- ORM: SQLAlchemy
- HTML5, CSS3, JavaScript (for UI)
- Payment Integration: Stripe/PayPal SDK (for handling payments)

Deployment:
- Cloud: Deployed on AWS (EC2 or Elastic Beanstalk)
- CI/CD: GitHub Actions (for automated testing and deployment)
- Logging & Error Handling: Implemented logging using Python's logging module for error tracking and debugging.

(Debasis Dhal)