Module - 7

profile

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Qualification : Post Graduation(MCA)

Hobbies : Learning new skills ,Travelling , Playing Basketball and cricket

Project

- ▶ Project Name : eCommerce Shopping System

- ▶ Language : python

- ▶ Framework : Django

- ▶ Database : sqlite3

- ▶ Front-End : html , css ,js , Bootstrap

- ▶ Tool : Visual Studio Code

Project Key Features

▶ 1. Authentication part

▶ 2. Email Sending with OTP

▶ 3. payment gateway

▶ 4. cart page auto calculate discount

▶ 5. show all orders

▶ 6. Forgot password

Building Confidence

- Set Clear Goal
- Challenge Negative Thoughts
- Continuous Learning
- Continuous Practice
- Learn from Mistakes
- Positive Social Circles
- Practice Speaking

IT Policies

▶ **1. Data Security and Privacy:**

• **Confidentiality Obligations:** Fresher developers must understand their responsibility to protect sensitive company and customer data.

• **Data Handling Procedures:** Instructions on how to securely handle, store, and transfer data, including encryption practices and secure coding standards.

▶ **2. Software Development Practices:**

• **Coding Standards:** Adherence to the organization's coding guidelines, including naming conventions, documentation requirements, and code reviews.

• **Version Control:** Proper use of version control systems (e.g., Git) for code collaboration and maintaining code integrity.

• **Open Source Software (OSS) Usage:** Guidelines on the acceptable use of open-source software and ensuring compliance with licensing terms.

▶ **3. Access Control and Authentication:**

• **User Accounts:** Policies on creating and managing user accounts, including password requirements and multi-factor authentication (MFA).

• **Role-Based Access:** Understanding of access permissions based on roles, ensuring that developers only access the systems and data necessary for their work.

IT Policies

- ▶ **4.Incident Reporting and Response:**

- **Reporting Security Incidents:** Procedures for reporting any security breaches, suspicious activities, or vulnerabilities discovered in the code or systems.

- **Incident Response Participation:** Expectations for participating in incident response activities, if required, including documentation and communication.

- ▶ **5. Development and Testing Environment:**

- **Environment Setup:** Proper use of development, staging, and production environments to prevent code from affecting live systems.

- **Testing Best Practices:** Importance of writing and running tests, including unit tests, integration tests, and security testing.

- ▶ **7. Intellectual Property (IP) and Confidentiality:**

- **IP Rights:** Understanding that the code and software developed during employment are the property of the company.

- **Non-Disclosure Agreements (NDAs):** Compliance with NDAs to protect the company's trade secrets and confidential information.