Contact Details:-

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Experience In Training:- 15 Years

Django

Django Web Framework

- What is a Framework
- Introduction to Django
- Django – Design Philosophies
- History of Django
- Why django and Features
- Environment setup
- Web Server

MVC Pattern

- MVC Architecture vs MVT Architecture
- Django MVC – MVT Pattern

Getting Started with Django

- Creating the first Project
- Integrating the Project to sublime text
- The Project Structure
- Running the server
- Solving the issues and Migrations
- Database Setup
- Setting Up Your Project

Create an Application

- What Django Follows
- Structure of django framework
- Model Layer
- What are models
- Model fields
- Querysets

Django – Admin Interface

- Starting the Admin Interface

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- Migrations

Views Layer

- Simple View
- Basic view(displaying hello world)
- Functional views, class based views

Django – URL Mapping

- Organizing Your URLs
- Role of urls in djnago
- Working urls
- Forms
- Sending Parameters to Views
- Templates layer
- The Render Function

Django Template Language (DTL)

- Role of template layer in django
- Filters,Tags, Tag if, Tag for, Block and Extend Tags
- Comment Tag, Usage of templates
- Extending base template

Django – Models

- Creating a Model
- Manipulating Data (CRUD)
- Linking Models
- Django – Page Redirection

Django – Sending E-mails

- Sending a Simple E-mail
- Sending Multiple Mails with send_mass_mail
- Sending HTML E-mail
- Sending HTML E-mail with Attachments

Django – Form Processing

- Using Form in a View
- Usage of forms

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- Crud operations using forms
- Crispy forms in django

Django – File Uploading

- Uploading an Image
- Django – Apache Setup

Django – Cookies Handling

- Django – Sessions
- Django – Comments

Django Admin

- Creating Super User
- Using admin in Django
- Adding models to admin
- Adding model objects using admin
- Displaying in cmd using querysets

Static files

- Loading css files into templates
- Loading js files into templates
- Uploading image using models
- User authentication

Sample Projects and Websites

- News website (BLOGs Forums)