

# DotNetNuke

## Introduction to DotNetNuke

Mr. Jaydeep Bhatt

VISION CONSULTANTS



# Day 1: Installation

- What is DotNetNuke
  - *History & Evolvment of DNN.*
- Why DotNetNuke
  - *Reduce Cost.*
- Major Areas of DNN Use
  - *Building Portals & Sites.*
  - *Making Money through Module Development.*
  - *Minting Money with DNN Skinning.*
- Install DNN
  - *Various Options, Auto, Typical & Custom.*
- Moving between Development & Production
  - *Backing up Installation & Database*
  - *Restoring from Backup*



# Day 2: Configuration

- Roles
  - *Creating & assigning Roles to Users.*
- Users
  - *Adding Users and assigning Roles.*
- Pages
  - *Adding Pages.*
  - *Updating Pages Settings.*
  - *Setting Page Permissions.*
- Site Settings
  - *Applying Skins at Portal, Page & Module Level*
  - *Using Default, Portal & Module CSS files*
- Module Settings
  - *Assigning Module Permissions.*



# Day 2: Configuration

- SEO
  - *Submitting site to Google.*
  - *Defining default Keywords & Description for the Site.*
  - *Overriding Keywords & Description for the individual Page.*
- Users
  - *Adding Users and assigning Roles.*
  - *Assigning Module Permissions.*



# Day 3: Extensions

- What are Extensions
  - *Modules.*
  - *Skins.*
  - *Providers.*
- Installing & Upgrading Extensions
  - *Module Definitions.*
- Running Database Scripts
  - *Host -> SQL.*
- Using Popular Extensions
  - *Light Box Gallery Module.*
  - *Report Module.*
  - *Form & List Module.*





# Day 3: Development

- Module Development
  - *Language.*
  - *Model.*
- Using Templates
  - *Built-in DNN Template.*
  - *Auto Package Christoc Template.*
  - *Code Endeavors Templates.*
  - *My Own bhattji Template.*
- DotNetNuke API
  - *Programmatically Creating User & Roles.*
  - *Assigning Roles to User.*
- State Management
  - *Using Session to retain values across modules.*



# Day 4: Development

- Debugging Module
  - *Attach to w3wp.exe*
  - *Admin -> Event Viewer*
- To Package and Deploy Module
- Skin Development
  - *Using Skin Objects.*



# Day 4: Micro ORM

- What is Micro ORM
- Using PetaPOCO
  - *In .Net Apps*
  - *In DNN 6*
  - *In DNN 7+*
- PetaPOCO considerations
  - *Object Qualifier not supported.*
  - *Null Date value not supported.*
  - *Work-arounds.*
- PetaPOCO sample Module Development
  - *Best Practice Development.*





# Day 5: Integration

- Social Media Authentication
  - *Facebook Authentication*
  - *Twitter Authentication*
  - *Google, LinkedIn Authentication (under dev)*
- Using Active Directory Integration
  - *Downloading & Configuring AD Provider*
- WebAPI - Service Framework for DNN7
  - *Developing Hello World Service using WebAPI*
- Running Scheduled jobs
  - *DotNetNuke Scheduler*
  - *Developing Scheduler Job for DNN*
  - *Adding & Configuring Item in DNN*



# Day 5: Integration

- List of Useful Tools & Sites
  - *Codeplex.com*
  - *MSBuild.Community.Tasks*
  - *MyGenerationSoftware*
- Problem Solving
  - *Q & A on previous day work.*
  - *More detail on selected topics.*
  - *Useful Tips & Tricks.*
  - *Best Practice Development.*
  - *Preparing Hosting Environment.*



# Thank You

**Mr. Jaydeep Bhatt**

**9377838485**

**[jaydeep@bhattji.com](mailto:jaydeep@bhattji.com)**

**<http://bhattji.com>**

**<http://vision-consultants.com>**

**VISION CONSULTANTS**

