

IBM Worklight - Workshop



Amit Surana – amit@smargav.com

Day 1

- Enterprise Mobility Pain Points
- Enterprise Requirements
- IBM Worklight for Enterprises
- Why HTML5?
- Comparison of Native, Hybrid, HTML5 Development
- Introduction to IBM Worklight
- Demo and Walkthrough
- Setting up Worklight Development Environment
- Developing a simple HelloWorld App
- IBM Worklight Server Side Concepts
 - Worklight Adapter Framework — HTTP & SQL Adapter {20 minutes}
 - Developing a HTTP Adapter {45minutes}
 - Developing a SQL Adapter {45minutes}

Day 2

- Integrating Enterprise Backend Systems
 - Architecture
- Worklight Adapters
 - HTTP Adapter
 - SQL Adapter
 - Cast Iron Adapter
- IBM Worklight Client Side Programming
 - Accessing Adapters from App
 - WL.* JavaScript APIs
- Storage
 - Data Storage JSON Store
 - Encrypted Cache
- Offline Mode
- Worklight Security
- Authentication Concepts
- Adapter Based authentication - both client & server side

Day 3

- Application Skins
 - Exercise
- Debugging and Testing the App
- Creating Native & Hybrid App bridge
 - Exercise
- Using Native Phone Features using Cordova
 - Exercise
- **Console:**
 - Push Notification Architecture (No Demo)
 - Direct Updates + App Provisioning + Blocking App versions
 - Worklight Console - Application Center
- Localization of Apps
- Migration strategies from Pure Hybrid App to Worklight App
- Migration from Worklight Development Environment to Production environment