

# Fortuity Bootcamp

## 15 Hour Break-Up

### **Hour 0: Let there be Net.**

Understanding how internet works & a brief insight to HTTP.

### **Hour 1: B Lee changes the world, and he wasn't Bruce or Bret.**

HTML and how it evolved.

### **Hour 2: Time to be Pretty.**

Early CSS to CSS3.

### **Hour 3: Lets be dynamic, shall we?**

Javascript and client-side dynamic web-pages.

### **Hour 4: Server & The Served, Request & The Response**

Client-Server Architecture and the Request/Response model.

### **Hour 5: Pain. Humiliation. Punishment. (PHP)**

The basics of PHP. Decision structure, Iterative structures, data types, operations, simple programs, complex programs

### **Hour 6: Pain. Humiliation. Punishment. Some more.**

Advanced PHP including form handling, sessions, globals, OOPS.

### **Hour 7: Shakespearean Love-Saga :: PHP & MySQL**

Database concepts, SQL Statements, introduction to MySQL, using MyAdmin, simple & complex queries, PHP-MySQL integration.

### **Hour 8: App. At last.**

Build the first web app using PHP, MySQL for Backend and HTML5/CSS3 and Javascript at Frontend.

### **Hour 9: Life without sync and why thats a good thing**

Introduction to AJAX and how it works. Using AJAX to change the first app.

### **Hour 10: Javascript gets a Make-Over.**

Introduction to jQuery Library and simplifying previous javascript UDFs.

### **Hour 11: App. Improved.**

Creating another web-app with all the bells and whistles.

### **Hour 12: The Curse of the Mobile, The Bootstrap Boon and the Phonegap way**

Issues of responsiveness. How to make web-apps work on mobiles. How to convert web-apps to phone apps.

### **Hour 13: A real app. Like really.**

Create a responsive web-app with PHP, MySQL, HTML, CSS, JQuery, Ajax, Bootstrap

### **Hour 14: A real server. Like really.**

Install & Configure app on a online commercial web-server.

### **Hour 15: Test. Test. Test. And more tests.**

Simple testing techniques. Testing tools. Practical testing methods.

### **Hour 16: Fix my soft skills**

Special hour on tips and techniques for soft-skills improvement.