

# KALPESH BAFNA

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## **EDUCATION:**

### **Master of Science (Computer Science)**

University of Southern California

**Aug' 07 – Dec' 08 (Expected)**

**GPA: 3.9 / 4.0**

**Coursework:** Database Management system, Web Technologies, Introduction to Computer Network, Analysis of algorithm, Parallel programming, Foundations of artificial intelligence.

### **Bachelor of Engineering (Computer Engineering)**

Vishwakarma Institute of Technology, University of Pune

**Aug' 02 – Dec' 06**

**Higher Class Honors**

#### **Coursework:**

**Database:** Database Management System.

**Computer Networks:** Computer Networks

**Software Engineering:** Software Engineering, Project Planning and Management.

**Programming Languages:** Multimedia Techniques, Object Oriented Programming Language and Design Data Structures.

## **COMPUTER & OTHER SKILLS:**

**Programming Languages & Tools:** C, C++, Java, J2ME, HTML, PHP, XML, Perl, AJAX.

**Scripting Languages:** VBScript, Java Script.

**Databases:** MS Access, Oracle SQL, sqllite, mysql.

## **PROJECTS UNDERTAKEN:**

### **1. Google offline calendar synchronization, USC.**

This project is a website which allows user to insert and retrieve calendar entries even if he is offline. It was developed using HTML, JavaScript, AJAX, java servlets, and google gears.

### **2. Yahoo top movies extraction engine, USC.**

This project is a website which extracts top yahoo movies details at real time and creates a dynamic XML. This project is developed in HTML and JavaScript as front end, and Perl as backend language.

### **3. Geographic positioning through oracle 10g spatial database, USC**

This project manages all features of a map into spatial database. This project was developed using java, oracle 10g DBMS.

### **4. Info To Go Pocket, Persistent System Pvt. Ltd, Pune-India**

The purpose is to collect most user specific data from the internet and display only the relevant information, instead of downloading, processing and displaying the whole web page for pocket PC. *I was responsible for User Interface and server communication module of this project.*

## **EXTRACURRICULAR ACTIVITIES:**

- **Organized, Techstasy-2005**, a state level technical event conducted by Computer Engineering Department, Vishwakarma Institute Of Technology, Pune, India.
- **Organized**, Final Year project exhibition held in department in March-2005.
- **Chief Organizer**, Inauguration function of the book 'J2ME IN PRACTISE'.