

# Jaisen Mathai

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## Objective

Utilize my design and programming experience to work on a large scale website in a team environment

## Experience

### **Socialbib.com:**

**Aug. 2007 - Present**

- Utilized the Amazon Search API to search for books by specifying ISBN, title or author
- Successfully integrated with Facebook using the Facebook Platform
- Built a credit system which keeps balances for students allowing them to exchange books
- Created a custom PHP framework which enabled the team to complete the project in 4 weeks

### **FotoFlix, Inc.:**

**May 2005 - Present**

- Responsibilities include database design, code profiling and extensive documentation
- Designed and implemented a dynamic image rendering web service which is consumed by PHP, JavaScript and ActionScript
- Developed Javascript API used by clients to integrate the Photagious application into their own website
- Increased developer productivity by over 300% by using efficient programming methodologies and local development environments

### **ClearChannel:**

**Feb. 2002 - Apr. 2005**

- Developed applications on a high traffic platform which hosts over 1,200 websites
- Designed a single sign-on service which supports cross domain authentication for all sites
- Augmented a third party issue tracking system to support the existing work flow

### **GlobalCloud, Ltd.:**

**Sept. 2001 - Nov. 2002**

- Worked with developers and designers to build an equity trading platform
- Implemented full featured content management systems into websites
- Introduced the usage of ColdFusion custom tags which increased code quality and reusability

## Skills

**PHP:** Configuration, security, object-oriented programming, creating web services, custom frameworks, major version migrations

**MySQL:** Configuration, query optimization, full-text search indexing, de-normalization

**JavaScript:** Animation effects, rich internet applications, custom form validation

**AJAX:** Mashups using Facebook, Amazon, Google Maps and Flickr

**JSON:** Web services, cross domain scripting, data exchange between PHP, MySQL, Flash and JavaScript

**Additional:** Linux, Actionsript, ColdFusion, MS SQL Server

## Conferences and Publications

### **San Jose Zend/PHP Conference (Oct. 2006)**

Presented on efficiently using JSON and PHP to create AJAX applications

### **International PHP Magazine (Aug. 2006)**

Wrote the cover story on how to build an AJAX search engine

### **New York PHP Conference (Jul. 2006)**

Spoke about how to use JSON to easily add rich interfaces into websites