

Ratan D K

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## Experience Summary

- Over 2 years of work experience in mobile application development, specifically iOS development.
- Proficient in Coding Standards, MVC, Object Oriented Design, Debugging and Code Optimization in iOS development environment.
- Exposure to software engineering practices like Agile / Scrum.
- Requirements gathering, resolving functional and technical issues, client interaction, etc.
- Experience with advanced iOS technologies like Core Data and Grand Central Dispatch.
- Self learner with a desire to stay informed on best practices and latest developments to iOS Platform.
- Good interpersonal communication skills, ability to work as part of a team.
- Good analytical and problem solving skills.

## Work Experience

Software Engineer, Sourcebits Technologies  
July 2011 – Present (2 year 3 months)

## Skills

Programming	Objective-C, Cocoa Touch, UIKit, Core Data
Platform	iOS
Environment	Xcode on Mac OSX

## Project Details

### Mobi-Book HD

Client: SmartEbook.com Co., Ltd  
Role: Developer  
Team size: 3

Operating System: iOS 5.0 and above.  
Time Period: September 2012 - Present

Description: An app that reads multiple custom book formats created by the client. The app supports features like Library Shelf display, reading, downloading and creating books using images.

#### Roles and Responsibilities

- Requirements gathering and Client interaction.
- User interface and functionality development for many modules.
- Implementation of iBooks like BookShelf using third party library.
- Implemented Basic Animations.
- Google Custom Search integration.
- Communication with external services using RESTFul APIs.
- Support for iOS7.

### eBook Reader

(Project name and client name cannot be disclosed as the project is currently under development)

Role: Developer

Team size: 3

Operating System: iOS 4.3 and above

Time Period: July 2012 – December 2012

Description: A universal app that provides most of the iBooks functionalities like Library display, text selection, highlighting, rating, downloading, etc. The app also has its own book store browser.

#### Roles and Responsibilities

- Implementation of iBooks like BookShelf using third party library.
- Pixel perfect user interface development.
- Basic animation implementation.
- Server Interaction.
- Localization
- Quick adaptation to requirement changes in project.

## Q-Scribe

Client: Geodatix LLC

Role: Developer

Team size: 4

Operating System: iOS 4.3 and above.

Time Period: September 2011 – October 2012

Description: An iPad application to collect and manage geotechnical and construction materials engineering and testing (CMET) data. This application is related to Civil / Geotechnical Engineers where a Field Technician enters data into the iPad which is collected, managed and then submitted to Geotechnical Project managers. The application maintains an account for each user and displays data entered by other Field Technicians.

### Roles and Responsibilities

- User interface and functionality development for many modules.
- Server interaction.
- Handling database using Core Data.
- PDF creation.

## Academic Qualifications

B.E in Information Science & Engineering.

NMAMIT, Nitte, under Visvesvaraya Technological University (VTU).

## Personal Information

Date of Birth: 22 December 1989

Languages Known: English, Hindi and Kannada