

# Ravi Prakash

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## Professional Summary

(3+ years of experience as iOS developer in startups and enterprise)

- Senior Software Engineer at **M800 Limited** at present in Hong Kong. Previous: **Quinto App** and **Helpshift Inc** in Pune, India
- Hands-on experience in Agile Software Development Life Cycle: Project conceptualisation and design, Implementation, quality assurance and maintenance of the product
- Experience at being single point of contact for developers and team communication
- Strong interpersonal and communication skills, with good logical and analytical ability

## Work Experience

- **Senior Software Engineer, M800 Limited, Hong Kong (Feb 2017-Present)**
  - Single handed handle whole project as project owner
  - Responsible for developing and releasing v2.7.0 **Maaii**
  - Responsible for quality control, code review, bug fixing, feature implementation and handling whole Git flow of codebase
  - Responsible for improvement and implementation of CallKit and Bluetooth support in app
  - Responsible for development of other white label projects (Clone of Maaii with different customization) and M800 SDK's which works underneath of Maaii
- **iOS Developer, Quinto, Pune, India (Aug 2015-Present)**
  - Responsible for designing and developing the **Quinto iOS App** from scratch
  - Responsible for improvement and bug fixes for the app: current version: v3.x.x
- **iOS Developer, Helpshift Technologies Pvt. Ltd., Pune, India (May 2014-July 2015)**
  - Responsible for understanding and analysing business requirements and converting them on iPhone and iPad
  - Responsible for developing iOS SDK, writing Unit Tests and UI automation
  - Responsible for handling iOS apps release cycle on App Store

## Apps on App Store (developed in Swift)

- **Maaii (Contribution)**
  - **Maaii** is an app for Free Calls & Messages, App to App and App to GSM call as messaging well
- **Kavya Sangrah**
  - **Kavya Sangrah** is the app for Hindi Poem / Kavita / Poetry Lovers
- **Bhagvad Gita-Hindi, Bhagvad Gita-English**
  - **Bhagvad Gita-Hindi** is an app that contains entire Sanskrit text of Bhagvad Gita along with its Hindi meaning
  - **Bhagvad Gita-English** is an app that contains entire Sanskrit text of Bhagvad Gita along with its English meaning

\*Source codes are hosted in private repository on Bitbucket

## Projects

- **XpdButtons**
  - Easy to use **cocoapods** library for quick reply in chat interface UI.
- **Image server** QuintoApp
  - Server written in Node.js to upload and download images to and from AWS
- **APNS server for push notification** QuintoApp
  - Server written in Node.js to send push notification to Quinto App hosted on AWS

- **Quinto Facebook chatbot server** QuintoApp  
Server written in Node.js to auto-respond to Quinto Audience on Facebook page
- **Helpshift SDK (iOS)** Helpshift Technologies  
Helpshift is CRM platform which supports mobile devices.  
Helpshift is an in-app customer support for native mobile apps and it is used across hundreds of millions of devices - ranging from Flipboard, WordPress, Microsoft, Clash of Clans, Target, among others. I worked on the Helpshift SDK and contributed in its feature development and quality assurance. Some of its key features are :
  - In-app support for customers: Contact Us tab with full-fledged in-app chat support which interacts with Restful API server
  - In-app knowledge base with rich media support
  - Notifying customers via push notifications
  - Tracking user actions and events in the app
- **Helpshift Demo App (iOS)** Helpshift Technologies  
Developed the app to test and run UI automation for the Helpshift iOS SDK
- **Helpshift Sales App (iOS)** Helpshift Technologies  
Developed the Helpshift Sales iOS app for the marketing and sales purposes
- **Helpshift Integration Assistant (OS X)** Helpshift Technologies  
Developed an OS-X app to integrate the Helpshift SDK with other iOS apps
- **Other Projects** LNMIIT
  - **Hydrogen Atom Counting**
    - \* Hydrogen atom counting in fixed mass of H<sub>2</sub> tank in SC, BCC and FCC state
  - **GTK Software for Ubuntu (Internet Logging)**
    - \* Software logging in cyberoam for Linux Environment developed using Quickly API and Python.
    - \* It's hosted on **launchpad**
  - **Multithreaded RSA Public Key Cryptography**
    - \* Implemented multithreaded RSA Public Key encryption and decryption algorithms. Public key is generated for the text file of 500KB

\*\*Other Projects are hosted on **GitHub**

## Tools and Technologies

Programming (in order of proficiency)	Objective-C, Swift, C, Node.js, Python, Java, L <sup>A</sup> T <sub>E</sub> X
Unit Test and UI Automation	XCTest, KIF
Databases	Core Data, SQLite, Realm, SQL
Development Software and Environment	Xcode, Tmux, Vagrant, AWS
Version Control	Git
Code Review System	Gerrit and GitHub
Project Management System	JIRA
Operating Systems	OS X, UNIX/Linux(Ubuntu, Fedora), Windows

## Educational Qualifications

Year	Degree	Institution / School
June, 2014	Bachelor of Technology (CSE)	<b>The LNM Institute of Information Technology, Jaipur</b>
2009	12th Board	<b>College Of Commerce, Patna (BSEB)</b>
2007	10th Board	S R R S High School Purnun, Patna (BSEB)

## References

- **Available if Required**  
Contact me over **Email**