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# Inder Kumar

A multi-skilled engineer with 9+ years of experience in designing, developing, and deploying mobile applications, especially iOS apps. Possessing ability to lead the teams to successfully delivery of application. Worked on large scale application with user base of more than 500k. Worked in large and cross functional team as well as lone developer.

## EMPLOYMENT

Feb 2019 - Present

### **IOS ENGINEER**– Agoda, Thailand

- iOS engineer at Agoda, Asia's leading and fastest growing online hotel reservation service.
- Successfully delivered new feature and hence increased the company's revenue.
- Writing Unit Tests, Snapshot Tests, Integration Tests and End to End integration tests for the application to avoid manual testing and bugs.
- Reviewing PRs and tracking the sprint using Jira.
- Gathering all information to successfully deploy the feature.
- Communicating with cross functional team to deliver the feature.
- Choosing right design pattern for the problem and using SOLID principles/ Clean Architecture to keep the code clean and maintainable.
- Creating an internal app using SwiftUI(Side project)

Aug 2015 - Nov 2018

### **TEAM LEAD/IOS ENGINEER**– Aspiring Minds Assessment Pvt. Ltd., India

- Led the product and mobile(iOS & Android) team.
- Successfully delivered the application on both iOS and Android platform and the app was in top three in education category after one week.
- More than 500k downloads.
- Architecting both iOS and Android application.
- Followed TDD approach and writing unit test cases.
- Chose the right framework/technology for the product.
- Reviewed code using Crucible and tracking the sprint using Jira.

Mar 2014 - Aug 2015

### **CO-FOUNDER/CTO**– Mizcoin Technologies acquired by Aspiring Minds, India

- Led the iOS and Android team
- Provided mobile development training to freshers
- Architecting both iOS and Android application
- Design and feature implementation of iOS application

Jul 2011 - Feb 2014

- Written network stack, database wrappers and various design pattern code for iOS and Android
- Reviewed code for team mates and mentored them
- Led the backend team to provide the REST apis for the mobile applications
- Managed git repositories and it's branches

**SOFTWARE ENGINEER LEVEL-II** – Location Labs by Avast, India

- Developing and designing UI of iOS applications.
- Written network stack for REST apis
- Got chance to create the same application on Android and Windows 8 and Windows Phone 8
- Reviewed peer's code using Crucible and managed own task using Jira

Jan 2011 – Jul 2011

**MEMBER OF TECHNICAL STAFF** – Interra IT, India

- Implemented feature of iOS application
- Implemented the Core Data for the iOS application

Jul 2010 – Jan 2011

**SOFTWARE ENGINEER** – Softmines, India

- Developed iOS application
- Developed games using cocos2d

## TECHNOLOGIES

iOS Skill Set

- Extensively worked on Objective-C, Swift and Cocoa Touch
- Worked on approximately 30+ applications.
- Used modularisation techniques to deal with the large code base.
- Extensive experience with iOS frameworks such as UIKit, Foundation, CoreData, MapKit, AVFoundation, Asset Library etc.
- Rich experience with multithreaded environment (GCD & NSOperationQueue)
- Great experience with RESTful APIs to connect iOS application with backend services
- Worked with 3<sup>rd</sup> party libraries like Swinject, AFNetworking, Alamofire, SwiftyDropbox, Stripe etc.
- Used instruments to optimise loading time and fixed memory leaks.
- Expert at designing UI using storyboard and code.
- Used A/B testing to deliver new features.
- Has DeviceUtil/DeviceGuru open source on git hub with more than 600 stars.
- Hands on RxSwift, RxCocoa, Node.js and Deno using TypeScript

## Programming Languages

- Objective-C, Swift, Java
- Have knowledge of C, C++, C#, JS, TypeScript, HTML

## Methodologies

- Scrum (Agile), TDD, OOP, Protocol Oriented Programming
- MVC, MVVM, Viper, Clean Architecture
- SOLID principle of OO design

## Server Technologies

- Node.js, Express.js, Vapor (swift)

## Frameworks

- CoreData, Realm, Parse, Sqlite, Firebase, XCTes
- XCTest (Unit and UI tests), FBSnapshotTests
- Google analytics, Mixpanel, Answers Kit, Crashlytics
- Facebook, Google Accounts, LinkedIn SDKs
- Volley, Gson, Universal Image loader, ButterKnife
- Location Services, Web Services, Google/Apple Map
- cocos2d, cocos2dx
- APNS, GCM

## Tools

- Jira, Trello, Crucible, Confluence, GitHub
- Google Analytics, Mixpanel, Fabric
- Xcode, Android Studio, Sublime Text and VSCode
- Invision, Balsamiq, Zeplin
- git, svn, Github, Bitbucket, Jenkins, TeamCity, Cocoapods, npm

## EDUCATION

2007 – 2010

### **MASTERS IN COMPUTER APPLICATIONS**– University of Jammu

- 71% aggregate
- Created Spam SMS filtering android application
- Runner up in 8085 Assembly programming
- Silver medalist in backstroke and bronze medalist in breast stroke in inter university competitions

2004 – 2007

### **BACHELORS IN SCIENCE (ELECTRONICS)**– GGM Science college

- 68% aggregate
- Created a device which detects A.C. without touching the wire
- Participants in swimming and chess competitions in inter college competitions

## SOCIAL SITES

LinkedIn

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Stack Overflow

GitHub

Portfolio

[stackoverflow.com/users/468724/inder-kumar-rathore](https://stackoverflow.com/users/468724/inder-kumar-rathore)

[github.com/InderKumarRathore](https://github.com/InderKumarRathore)

[inderkumar.herokuapp.com](https://inderkumar.herokuapp.com)

## INTERESTS

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- Q&A on stack overflow, reading tech news
- Cricket, Swimming, Chess
- Reading blogs on Astrophysics and Physics
- TED Talks
- Travelling to hill stations

## PERSONAL INFO

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Name	Inder Kumar
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Email	<a href="mailto:contact.mr.rathore@gmail.com">contact.mr.rathore@gmail.com</a>
Skype	inderkumarrathore
Gender	Male
DOB	Mar 3, 1986
Location	Bangkok, Thailand