AKSHAY A KARANTH

Qualified B.E. (Information Science & Engineering) with 4 years of Software Development expertise with Project Execution exposure; targeting assignments in Software Development with a leading organization of repute in Bengaluru
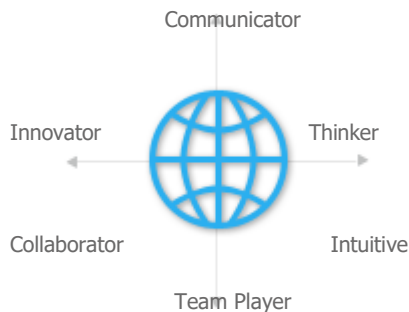
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Key Skills

Requirement Gathering & Mapping

Software Development Lifecycle

Programming & Coding

Unit Testing

iOS Application Development

Back-end Development

Application Support & Maintenance

Stakeholder Management

Team Management

Profile Summary

- A competent professional with **4 years** of experience in **Software Development Lifecycle** from inception, requirement specifications, planning, designing, implementation, configuration and closure
- Hands-on experience in developing **iOS applications for iPhone and iPad** using Cocoa Coding Conventions & Style
- Expertise in back-**end development using Python and Django**
- Comprehensive experience of application development using **C, C++, Objective-C, Swift, HTML (Basics), Java, Python, JavaScript** languages on **Apple Cocoa, Objective-C, XCode (>4.x), SQLite, Core Data (Basics), CoreBluetooth Framework, iBeacons, Scrapy, Swift, Django and Socket IO** framework
- Skilled in mapping and **translating clients' business requirements into functional specifications and custom designing solutions**
- Experienced in **developing, coding, testing, and debugging** applications
- Successfully delivered the projects for reputed clients like **Doordarshan, 9mx, Sony, Magicfood Box**
- An effective communicator with relationship management skills with the capability to relate to people at any level of business and management

Soft Skills

Communicator

Innovator

Thinker

Collaborator

Intuitive

Team Player

Timeline

B.E. (Information Science & Engineering) from T John Institute of Technology, Visvesvaraya Technological University Belgaum

2010-2014

Apprikart Digital Solutions, Bengaluru as Sr. Software Engineer

Since 2015

2014-2015

Telibrahma Technologies, Bengaluru as Software Engineer

IT Skills

- **Languages**: C, C++, Objective-C, Python, Swift, HTML (Basics), Java, JavaScript
- **Frameworks & Tools:** Apple Cocoa, Objective-C, XCode (>4.x), SQLite, Core Data (Basics), iBeacons, Scrapy, Swift, Django, Socket IO, CoreBluetooth Framework
- **Operating Systems:** Mac OSX, Windows, Linux
- **Packages**: XCode (iPhone-SDK), Pycharm, SublimeText

Education

- **B.E. (Information Science & Engineering)** from T John Institute of Technology, Visvesvaraya Technological University Belgaum in 2014

Work Experience

Since Dec'15 with Apprikart Digital Solutions, Bengaluru, Karnataka as Sr. Software Engineer
(Spin-off from Telibrahma Technologies)

Aug'14-Dec'15 with Telibrahma Technologies, Bengaluru, Karnataka as Software Engineer

Key Result Areas:

- **Gathering & mapping client requirements** and providing customized applications involving finalization specifications and selection of appropriate techniques
- Conducting system study & coordinating with team members for **Design, Integration and Application Maintenance**
- Developing the **user interface for iOS applications** and the other systems to facilitate user-friendly experience
- Performing the **back-end development in Python using Django Framework**
- Managing **software design, coding of modules, monitoring critical paths** & taking appropriate action
- Providing technical support and developing new features or enhancement of existing applications based on customer requirements
- Working with the **development and implementation teams** in completing projects within allotted budget and timelines
- Attending regular team meetings to share project status, giving ideas and resolving issues
- Assisting the **post-implementation, application maintenance and technical support**
- Identifying **defects, questionable functions, errors** in program functions through unit testing and debugging the same
- Ensuring adherence to quality norms throughout the implementation process
- Guiding, leading and mentoring the team of 3 members to ensure smooth progress of project work

Highlights:

- Developed a tool in python for a maintenance project for Hyundai for reshaping and updating the data into the database
- Developed a tool in Python using Django framework for conducting in house interviews, which was later on upgraded and used by other Job Hiring companies
- Actively involved in the product development team and was responsible to convert a lot of applications into white labeled apps and also convert apps to framework which can be released to clients who would like to have our product as a part of their apps

Personal Details

Date of Birth: 22nd October 1991
Languages Known: English, Kannada and Hindi
Present Address: No.8, "Samhita", Anugraha Lyt, Phase 2, Off Billekahalli, Bannerghatta Road, Bangalore-56006
(Please refer to annexure for major organizational projects)

Annexure

Project: **Kohler (In progress)**
Role : Sr. Software Engineer
Description: This is an app which allows the Hardware products from Kohler to be connected to the phone over BLE and control the hardware.

Project: **Toyota Test drive App**
Role : Sr. Software Engineer
Description: Test drive experiential app which senses the driving pattern and explains the features of the car.
An article in economic times on the app: https://auto.economictimes.indiatimes.com/news/auto-technology/toyota-kirloskar-motor-launches-interactive-test-drive-application/66186651

Project: DD News
Client: Doordarshan
Role: Software Engineer
Team Size: 1
Description: This is an application for all the real news lovers. This application lists down the current news which is trending and details of the same. It also has a live streaming of the Doordarshan new for all the unbiased news lovers. It notifies on any breaking news through push notification and the app has a section called video section which lists down some informative videos.
App link: https://itunes.apple.com/in/app/dd-news/id992334423?mt=8

Project: **Yana (In progress)**
Role: Sr. Software Engineer
Description: This is a white labelled chat bot app which is designed as a framework which can be easily integrated to other apps.
More on the app: http://www.thoughtfocus.com/education/yana/

Project: **TaxBrahma**
Role: Sr. Software Engineer
Description : Tax Brahma-unique pocket tax dictionary app. Register a Company / Tax Statutory, File monthly tax compliance, Payroll Process, Liaison/Advice on Tax notice, free tax updates, answers.
App link: https://itunes.apple.com/in/app/tax-brahma-app/id1350363796?mt=8

Project: **FX16**
Role: Sr. Software Engineer
Description: News app which brings the latest stories, videos and photos from FX16TV .
App link: https://itunes.apple.com/in/app/fx16/id1338665241?mt=8

Project: **Brown Apron**
Role : Sr. Software Engineer
Description: Online shopping app for meat buyers.

Project: Live In Style
Client : United Spirits Limited (Diageo Group company)
Role: Software Engineer
Team Size: 3
Description: This is a white labeled application with PointArt integrated to it. This is an application to search for and discover events and happening Around you and the best night life in the city. The app lists out all the happening places to party in and around your locality and if you want to party at your place the app provides a list of cocktails that can be prepared and also volunteers to organize party at your place. The app has features like geofencing which notifies the user when he passes by a pub; it has beacons integrated so that the user is guided inside the pub.

Project: Sony Set
Client : Sony
Position : Software Engineer
Team Size : 1
Description: Sony Set is an iPhone and an iPad application developed for Sony Entertainment Television. It detects the channel you are watching on your TV to get you engaging video content on your Mobile. TV Shows, Reviews, Trailers, Promos, Videos, Schedule Alarm for shows and behind the scene content.

Project: Sony Sab
Client : Sony
Position : Software Engineer
Team Size : 1
Description: Sony Sab was an application which was already live in App Store. The application was built on Phone gap and a native audio recognition sdk was added to the application which detects the channel one is watching on TV to get engaging content on Mobile.

Project: 9X+
Client: 9mx
Position: Software Engineer
Team Size: 3
Description: 9xm is an application based on song detection. It detects the song that is being played and gives the related information like the trending tweets in twitter, review of the movie it belongs to and quiz questions on the song. It intimates the next song in the lineup if the song is detected from the 9xm channel. It also has some exiting features like a points table with can fetch some gift vouchers and tweet from the application on a particular song.

Project: StarWood
Client: StarWood
Position: Software Engineer
Team Size: 3
Description: Star Wood is an iPad application which has static content on their hotels and a holiday planner which can fetch them maximum points. The application is designed with a beautiful user interface and user experience.

Project: KPC
Client: Karnataka Pradesh Congress
Position: Software Engineer
Team Size: 1
D**escription:** KPC is an application developed for Karnataka Pradesh Congress. An application which is used to communicate with the party workers. Provides detailed information about the congress leaders. Details about the event organized by the party and also has the features to send a message from the app which works like a messenger app where on approval from the administrator will send a push notification to all the users of that particular constituency.

Project: Purple Knot
Client: Purple Stream
Position: Software Engineer
Team Size: 1
Description: App is a white labeled application of PointArt where the idea was to bring augmented reality to wedding and other ceremonies. The app would stream live relay of the function, where the feeds would be populated by detecting the invitation cards.

Project: Enfa Gentle Care
Client: Imec
Position: Software Engineer
Team Size: 1
Description: This is a series of 8 to 9 iPad applications which operate only from the local App Store. These are applications which have static content on their product with a beautiful user interface and user experience.

Project: The Frying Pan
Client: Magicfood Box
Role: Web Scraping
Team Size: 1
Description: This app aggregates all the recipes in one place and filters recipes based on preference and taste.

Project: News App (White Labeled Product)
Client: Internal App
Role: Sr. Software Engineer
Team Size: 1
Description: This is a template app for news in general where different news channels can use this template app for their requirements and publish this as a white labeled application. This application also has different types of ads integrated like native ads, interstitial ads, banner ads and video ads which can be managed from back-end.

Project: Airline App for In-house Caterers (In progress)
Position: Sr. Software Engineer
Description: This is an iPad app for the in-house caterers to manage their inventory and sales on flights. The project has two main aspects to it the back office which is a web based application and a point of sale app which manages the inventory and sales.