KARAN BHALODIYA

APPLICATION DEVELOPER

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Offering 4+ years of experience in the software development, from concept to delivery of next-generation mobile applications and customizable solutions. Highly motivated and focused toward fulfilling my long term goal which consist of positioning myself as solution architect along with being a known innovator in Mobility domain.

EXPERIENCE

Azoi Inc.
2014 'OCT – present

Application Developer, Ahmedabad, India.

KITO (Wello) iOS Application:

Working toward bringing cutting edge technology in mobility domain through constant innovation. At present associated with ongoing development of "Kito" iOS application. Kito Introduction Video.

+ Worked on developing and designing of mobile application prototyping and bringing new innovation.

+ Expert in Advanced development methodologies, adhering flexible design patterns.

+ Experience with web service integration and Local Storage Management.

+ Good experience with BLE module and interacting with Hardware and Firmware.

+ Worked on OTA, Analytics, Localization.

+ Performed UI and UX design along with drafting of technical and Design documents for Medical device mobile application ISO 13485 and IEC 62304.

+ Reac-Native Kito Survey Module Integration for Android & iOS.

+ Unit test cases and UI test cases.

+ Git CI integration and Jenkins build system.

Azoi Inc.
2013 'Dec – 2014 'OCT

Software Engineer, Ahmedabad, India.

Working toward research and analysis of various wearable and health devices available in market and worked on feasibility study and initial research work for Body-Vital calculation and calibration.

*Blood Pressure Calibration Constant Calculation.

Python and C/C++.

Working as engineer I was involved with studying and developing various methodology for finding blood pressure calibration constants by studying various research papers and implementing those methodologies.

 + Worked on research and developing prototype for finding blood pressure calibration constants.

+ Worked on experimenting and analyzing methodologies.

+ Generating detail report and analysis work on research work and improvisation techniques along with drafting technical and research documents.

*Node Wello (Kito).

Node.js, Soket.io, D3.js.

Build a device independent and robust system to connect with Wello (Kito) device through BLE module, getting raw data from sensor, process with JavaScript and generating report and graph on web server using Soket.io and D3 graph plotting library.

+ Helped R&D team in research and perform different test with Node Wello (Kito) project.

*Custom Build System.

Python (Bottle), JQuery, Java-Script

Created custom build system using python bottle framework for creating a single bundle containing multiple GIT projects with unique tag name and sending automated email with bundle release note, project information like GIT project branch name and Commit number and Commit notes to respective team members.

+ Worked with library like GitPython and Mailing libraries.

Extensio Software. 2013 'July – 2013 'Nov	**Staff Engineer, Bangalore, India.**

Worked on building Cross Platform Application Generation Framework, Create once use and run on three platforms (Web, iOS, Android) to create enterprise application.

*Extensio Android Extender.

Java (J2EE, J2ME) , UIML, Maven, OSGi, Apache Camel

+ Worked on encryption module and Adaptive UI generation system for different screen size.

+ Worked on OAuth Spec Authentication module.

+ Worked with UIML parsing and building B2E application with Extensio App Builder.

Alitum Solutions. 2012 'June – 2013 'May	**Android Application Developer, Bangalore, India.**

Worked as a android application developer to build Android application for customer engagement platform.

*Fungroo.

Java (Android)

+ Worked on Tablet based real time customer in-store experience capturing system.

+ Worked on Facebook integration, offline data storage, customer notification experience, improving UI design, code refactoring for better manageability.

+ Handling reporting feature, IVRS integration, 2-way messaging system, Auto APK and building platform feed questionnaire.

+ Worked on Open-source project ODK (Open Data Kit) customization.

Hindi Dictionary.

(Windows

Phone)

Created and published first Windows Phone mobile application, Hindi Dictionary is offline English to Hindi dictionary.

+ Developed a Windows Phone Application using C#.

+ Once Listed in top 150 free applications.

+ Published to Windows Market Place and is available for download at below link:

http://www.windowsphone.com/en-us/store/app/hindidictionary/3381de45-2bf6-4fc9-a8ab-d4adb5473a07

Flash App.

(Gear 2)

Created and published first Galaxy Gear Application mobile application Using Tizen Wearable SDK and Android Application Development, Flash app Control your mobile flash light from your gear now. simple flash light turn on/off app for gear 2.

Koza.

(Android)

Created and published Android application, Gujarati Dictionary is offline English to Gujarati dictionary.

+ Developed a Android Application.

+ Once Listed in top 50 free applications.

+ Published to Windows Market Place and is available for download at below link:

https://play.google.com/store/apps/details?id=com.lstViewTest&hl=en

MP3 downloader.

(Android)

Download MP3 and Ringtone. Search, Play, Download, Listen

https://play.google.com/store/apps/details?id=karan.download.muza&hl=en

+ Worked and publish application for Blackberry 10 OS, Tizen Mobile, Tizen Wearable, Nokia S40.

+ Worked with casperJS to create google translator scraper.

EDUCATION

VTU (Visvesvaraya Technological University)
2009 – 2012

Master of Computer Application (3 Years)

76.43%

Saurashtra university
2006 – 2009

Bachelor of Computer Application (3 Years)

57.92%

Declaration: The above information is correct to the best of my knowledge.

- Karan Bhalodiya.