SATISH BIRAJDAR

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LinkedIn   *Portfolio*   *Supportive documents*

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SUMMARY:

Senior Software Engineer. Background in software development from requirement gathering, design, implementation, testing, debugging, deployment and maintenance of developed code. Proven track record of delivering working software in a timely fashion at a fast-paced startup or large organization.

SKILLS:

Language:	Swift 3, Objective C, C#, C++, Java, HTML5, CSS3, PHP, Javascript, QT project, JQuery Mobile
IDE:	XCode, Android Studio, Eclipse, Xamarin, Sublime, Momentics
SDK:	iOS, Android, Blackberry
Analytics:	Firebase Analytics and Firebase Crash report
API:	SwiftyJSON, EarlGrey framework, Hamcrest, OAuth2, FBSnapshotTestCase, Promise kit, OHHTTPStubs, Fastlane, CoreData, XCTest, VMWare Airwatch, ZBar code reader, OpenTok, JSQMessageViewController
Networking tools:	Postman, Charles
CVS:	Git, Github, Sub-version
Tracker:	Jira
Database:	SQLite, MySQL
CMS tools:	Wordpress, Joomla, Drupal
Methodology:	Agile, Waterfall
App Delivery:	Apple Appstore, Testflight
CI/CD environment:	Jenkins - Git integration
O/S:	Mac OS, Ubuntu, Windows

PROFESSIONAL HISTORY:

Technical Specialist/Project Lead | *Syntel* | Toronto, Canada   **May 2017 – Nov 2017**

- Worked in extreme/pair Programming Agile methodologies using Test Driven Development approach.
- Participated in all phases of quality product development including discovery & framing, user-interviews, daily stand-ups, iterative planning meetings, retro meetings.
- Lead and coordinate with team to develop customer faced iOS application using Swift 3 and XCode.
- Wrote, modified, integrated and tested iOS application code with MVP design pattern, including unit testing, UI testing, integration testing. Bug-fixing of Android application. The familiarity of integration client app-REST API.
- Identified and communicated technical problems, processes and consulted with possible solutions.
- Prepared reports and other documentation on the Architectural design.
- Acquired basic understanding on Fastlane, Git and Jenkins integration for creating automated CI/CD pipeline.
- Implemented code to provide AODA compliances, Internationalization.
- Experienced in an application submission to Testflight and AppStore.
- Consulted client (Allstate Insurance, Canada) and got to know vehicle insurance domain.

Senior Consultant | *CGI* | Toronto, Canada   **Sept 2016 - April 2017**

- Designed and built the user interface for an iPad application using Autolayout, UIKit and Interface Builder.
- Implemented code with MVC pattern, Singleton, Protocol, Delegate, and Multi-threading. And applied automated testing using XCTest. Made the application complaint to AODA. Added automated testing using XCTest.
- Experienced with networking interfaces including SOAP, REST API.
- Followed waterfall software development methodology.
- Consulted client (Bank of Montreal) and got to know banking domain.

Software Programmer | *Canamex Communication Corporation* | Markham Ontario   **Sept 2014 - June 2016**

- Utilized wireframes to design a messenger application for iPhone using Objective C, Xamarin.iOS, Xamarin Studio, and XCode.

- Wrote, modified, integrated and tested application code to provide a quality solution and fulfill desired features.
- Applied with encrypting and decrypting algorithm (AES 256 pattern) on data stored locally (SQLite).
- Learned 3rd party libraries like PCL Crypto, and concepts of Apple Push Notification (APNS), and Local Notification.
- Participated in enterprise processes, like submitting an application to the AppStore.
- Prepared reports, manuals and other documentation on the status, operation, and maintenance of software.
- Involved in Agile Software development methodology.

Software Developer (co-op) | *Blackberry Limited* **| Ottawa, Canada**   **Sept 2013 - May 2014**
- Minor projects of BB10 operating system (Radio UI Manager, Mobile Network Settings, Universal Search project)
  - Supported team members in analyzing the problems. Resolved raised issues from tracking tools (JIRA).
  - Detected and solved the UI issues of Universal Search application for different screen sizes (using QT project & QML).
  - Familiarized myself with cellular networking modes like GSM, 3G, LTE, and source code distributed version control system like Git.
- Major project (Blackberry Assistant for Blackberry 10)
  - BlackBerry Assistant is an intelligent personal assistant for BB devices just similar to Apple Siri and Google Now. This application was developed using C++, QT project, QML.
  - Designed UI and developed logic for integrating Phone API, Map API and Social API's (Facebook, Twitter, LinkedIn, & Foursquare)
  - Learned natural language processing (NLP) algorithm provided by Maluuba.

Computer Programmer Analyst (co-op) | *It Just Works Software* **| Orillia, Canada**   **May 2013 - Aug 2013**
- Developed an iOS application for HYATT Hotel and Resorts, Chicago with a team.
- The application was developed in Objective C and XCode.
- Developed communication of a client app with web services using RESTful APIs.
- Employed a 3rd party barcode reader framework (ZBar) to provide Kiosk feature.

Computer Programmer | *Ceylon Infotech Pvt. Ltd.* **| Pune, India**   **Oct 2011 - June 2012**
- Designed static and dynamic websites with the team.
- Added multiple features on the internal product (Dialer desktop application). This application was designed for call-center industry.
- Tools used are HTML, CSS, PHP, JSP, Joomla and MySQL.

Sales Technical Representative (part-time) | *Air Blow Control* **| Pune, India**   **May 2008 - Sept 2011**
- Created Quotations, Tax-Invoices for clients and interacted with them for business proposals
- Prepared business plans and reports which specifically illustrated the benefits or losses from goods and services as compiled by customer reports.
- Hired, Lead and assigned duties to junior team members. Supervised, assigned and coordinated their duties and work schedules. Reviewed their progress and reported their progress to the Proprietor.
- Motivated employees to achieve the goals and objectives of the sales target.

INTERESTS: Mobile Application Development, Web Application Development, Machine Learning

ENTERPRISE PROJECTS:
- Development of AllState Insurance, Canada (iPhone App) from scratch. (available on Appstore)
- Development and bug-fixing of AllState Insurance, Canada (Android App - available on Appstore)
- Development of CGI's Resource Management (iPhone App)
- Development and bug-fixing of Bank of Montreal - ESign Application (iOS Tablet version)
- Development and bug-fixing of Canamex communication: Teramessage (iPhone App - available on Appstore)
- Development of Blackberry Voice Assistant App (Blackberry App - available on Appstore) from scratch.
- Lead a Team and coordinated with Client: MusicTheme App (Android App) – not on AppStore yet
- Lead and developed HYATT Hotel: MiniBar App (iPhone App)

PERSONAL PROJECTS:

Confused Mind (iOS App) (Available on AppStore) | 2017:
This application has an interactive spinner to spin the list to select an item in a random fashion. Tools: Swift-3, XCode 9, CoreData and charts framework. *Click for Sourcecode*

Radio Sphere (iOS App) (Available on Appstore) | 2017:
This application will provide three-dimensional geolocation, where you navigate through a representation of the terrestrial globe, listening to broadcasts from 8000 local radio stations around the globe. Tools: Swift-3, XCode 9. *Click for Sourcecode*

DocChatter (iOS App) | 2016:
This application will help doctors and patients communicate in real time through video and chat messaging. Tools: Swift, XCode, SQLite and OpenTok iOS framework. *Click for Sourcecode*

Hotel Room Service (Android App) | 2015:
This application will help Hotel Room Service servers to track usages of the rooms associated to the customers. Tools: Java, Android Studio and SQLite. *Click for Video link*

Georgian College Book Sale (Web App) | 2014:
This application allows authenticated users to add a new book for sale and buyer can bid the amount of the book but only the highest amount offered with buyer's information is passed over to seller. Tools: C#, Entity-Model architecture, MS Azure cloud database. *Click for Source code*

Tech Forum (Web App) | 2013:
This mobile compatible site will enable the authenticated users to add a new discussion and can comment on the current discussion in the Forum. Tools: JQuery Mobile, PHP and MySQL. *Click for Source code*

Air Blow Control (Web App) | 2014:
This website will introduce to history of Air Blow Control, and list of products and their description, contact page shows contact information and the map location module. Tools: WordPress, HTML5, CSS3 *Click for Live website*

EDUCATION:

MSc Information Technology | London Metropolitan University | Graduated with Distinction | Dec 2016
London, United Kingdom

Diploma Computer Programmer | Georgian College | Graduated with Honor's | Aug 2014
Barrie, Canada

Bachelors of Computer Engineering | Pune University | Graduated with Higher Second class | May 2011
Pune, India

CERTIFICATES:
- Xamarin Mobile Certification, 2016.
- Achieved 82% in Work Smart Certificate, Ministry of Labour, Canada.
- A+ grade holder in C & C++ and B+ in Java course by SunBeam.

AWARDS & ACHIEVEMENTS:
- *January 2017, CGI Award, Partnership and Quality value.*
- *January 2013, Design and Visual Arts in Computer Studies Entrance Award, Georgian College, Canada.*
- *August 2012, International Education and Training Entrance Scholarship Award, Georgian College, Canada, based on practically involvement in computer field.*
- Participated in many Robotics competitions (National Level Events) when I was in India.
- Co-directed a patriotic short-film with the team of 12 members.