

**Sandeep Bussa**  
[b.sandeeptech@gmail.com](mailto:b.sandeeptech@gmail.com)  
**+1 470-447-9644**

### **Professional Summary**

A seasoned Assistant Consultant with over 12+ years of experience in developing native, hybrid mobile applications and Restful APIs with a focus on iOS, Android, Ionic/Angular and Spring boot frameworks. I have Proficiency in programming with Objective-C, Swift, typescript Java, and adept in using XCode, Android studio and Eclipse. Having experience in both Insurance and Banking Domains I have a strong background in the insurance and banking industries, excelling in app performance optimization, code review, and maintaining high-quality standards. Known for effective team leadership and delivering technical solutions for complex requirements. Actively engages in continuous learning, highlighted by leading and participating in various training sessions on Angular, React, AI/ML, and DevOps. I'm Currently a key team member at Tata Consultancy Services, building on past experiences at Anaxee Technologies, Value Labs, and Cognizant Technology Solutions.

### **Skill Matrix**

<b>Operating Systems</b>	macOS, Windows 10, Windows 7, UNIX
<b>Programming Languages</b>	Typescript, Angular 9+, C++, Objective-C, Swift, C#, Java, Kotlin, React
<b>Special Software/Apps</b>	Ionic Framework, XCode, Android Studio, VSCode, Charles Proxy, Splunk, Dynatrace, Postman, Looker Studio, Swagger, Postman, React Native
<b>Project Management Tools</b>	Git, Bitbucket, SourceTree, Confluence, Trello, Scrum using JIRA, VersionOne
<b>Design Patterns</b>	MVVM, MVC, MVP, Facade, Delegation, Singleton, Factory pattern, Clean Architecture
<b>SDK Frameworks integration</b>	NPM, Cocoa Pods, SwiftUI, Social kit, external accessory., Bluetooth, Push notifications, Swift package manager, RESTful APIs, JUnit, Maven, Gradle, iOS SDK,

### **Education**

- Master of Computer Applications from Jawaharlal Nehru Technological University, Hyderabad, Andhra Pradesh, India, In 2010.

### **Professional Experience**

**Tata Consultancy Services**

**Feb 2016 - Dec 2023**

**Project 1: ACG App (AAA Everyday), MI, USA**  
**Lead Developer UI developer**

**Jan 2023 - Dec 2023**

#### **Project Description**

AAA Every Day is a new membership type that allows users to select the membership type as Pay as you model instead of the yearly, which has additionally integrated to existing membership types. It has integrated in both mobile and web app.

**Responsibilities:**

- Acts as a lead in providing the design guidance and consultation for the team members.
- Analyzing complex business requirements, designs and writes technical specifications to design or redesign the complex business logic.
- Integration of the Analytics and prepared the analysis reports.
- Preparation of Analysis and Design Documents.
- Developed the code based on the design document and hosted the artifacts in AWS code artifacts.
- Developed the Restful APIs using Spring Boot.
- Integrated Restful services from front end systems.
- Conducting the Code review for the team, also providing required comments and corrections.
- Developing and Performing UNIT Testing, Integration testing.
- Assures Quality and compliance requirements are met with the coding standards and maintains documentation with standards.
- Provide the build using the CI/CD pipeline.

**Skills:** macOS, Windows, Visual Studio code, iOS, bit bucket, ionic, Angular, Git, AWS lambda, Spring Boot, AWS code artifact.

**Project 2: ACG Mobile App, MI, USA  
2023****June 2017 - Jan****iOS Lead Developer/ionic Developer****Project Description:**

Auto Club Group (ACG) has begun a program to implement business simplification and technology modernization in support of its personal lines businesses. TCSL has been chosen as the vendor partner for this strategic program. The AAA Mobile App provides a wide range of features to its members at the fingertip. This App has been developed in the Ionic platform helping the members to experience new features developed in the App on the fly.

AAA Mobile App improves on-the-go access to trusted AAA services including travel planning tools, discounts and rewards, and roadside assistance. The mobile version of AAA's Travel Planner helps the user to find and get directions to AAA-approved and diamond-rated hotels, restaurants, and attractions, and the ability to create and share trips between your desktop and mobile devices.

The Mobile App includes key features such as Maps & Discounts which helps the member to find more than 59,000 AAA Approved and Diamond Rated hotels and restaurants, helps the member to book a hotel or rental car, benefiting the member to save with member discounts at over 164,000 locations, share saved trips across desktop and mobile devices, find AAA Approved Auto Repair facilities, AAA office locations, and cheapest gas prices near to member's location. Roadside Assistance is the module that can be used by the member to request a tow and get instant battery replacement quotes.

**Responsibilities:**

- Acted as a lead in providing the design guidance and consultation for the team members.
- Involved in all phases of SDLC.

- Integrating and providing the analytics metrics using Google Analytics and Looker Studio.
- Involvement in Performance tuning of a mobile app.
- Conducting the Code review for the team, also providing required comments and corrections.
- Integrated new features, trends and updates as per changes.
- Developed the unit tests as per specifications using XCUit, Junit.
- Developed the Restful APIs using Spring Boot.
- Integrated Restful services in mobile apps.
- Troubleshoot using different tools like Splunk logs, Charles Proxy and Dynatrace.
- Developed the Restful apis using Spring Boot and integrated from mobile app.
- Generated artifacts and hosted them in different environments Npmjs, Cocopods.

**Skills:** Ionic, iOS, XCode, VSCode, Objective-C, Swift, SwiftUI, Spring Boot, Android Studio, Android SDK

Link: <https://apps.apple.com/us/app/aaa-mobile/id310730297>

[https://play.google.com/store/apps/details?id=com.aaa.android.discounts&hl=en\\_US&gl=US](https://play.google.com/store/apps/details?id=com.aaa.android.discounts&hl=en_US&gl=US)

### **Project 3: Grange and Integrity Mobile Applications, OH, USA 2017**

**Dec 2016-May**

**Xamarin Developer**

#### **Project Description:**

Grange/Integrity Insurance is developing public-facing mobile applications that will be used by registered Grange/Integrity users. Grange and Integrity are two mobile applications being developed for iOS and Android platforms.

These applications will provide easy access for Grange/Integrity users and he/she will be able to log in and view his/her policy-related information for Home, Auto, and Life also, he/she will be able to report a claim or view a claim, locate the agency and Repair shops and much more.

#### **Responsibilities:**

- Preparation of Analysis Document Documents and Design Documents.
- Handle the various features and enhancements for iOS and Android mobile apps.
- Continuous compatibility improvements with the latest iOS OS upgrades.
- UI Development and business logic implementation.
- Developed custom renderers.

**Skills:** Xamarin Studio7Visual studio, XCode, iOS

Link: <https://apps.apple.com/us/app/grange-mobile/id1202329486>

[https://play.google.com/store/apps/details?id=com.GrangeInsurance.Mobileapp&hl=en\\_US&gl=US](https://play.google.com/store/apps/details?id=com.GrangeInsurance.Mobileapp&hl=en_US&gl=US)

### **Project 4: Salestia App for Field Reps 2016**

**March 2016 – November**

## **React native Developer**

### **Project Description:**

Salestia mobile application is used like a Swiss army knife to the field representatives. Through this app, field representatives can maximize one core activity like sales.

### **Project Description:**

- Worked as a Senior Developer in providing the design guidance for the team members. Involved in all the SDLC lifecycle phases.
- Involvement of Performance tuning of mobile app.
- Conducting the Code review for the team, also providing required comments and corrections.
- Performing UNIT Testing, Integration testing, and preparing test reports.
- Assures Quality and compliance requirements are met with the coding standards and maintain documentation with standards.

**Skills:** React Native iOS SDK, iOS, Android

**Cognizant Technology Solutions  
2015**

**December 2013 - December**

**Project 1: iAttain-OpSERV  
2015**

**December 2014 – December**

**IOS Developer**

### **Description**

Through the iAttain iPad application, Users can view and manage widgets (like Reports, Calendars, Announcements, Plan documents, Key metrics, etc.,). Users can perform Create, Read, Update, and Delete operations on their sales positions, Customers, Products, and Call Plans. Users can view the change requests (previous operations) and can visit clients as per plan with the assistance of Navigation.

### **Responsibilities**

- Worked as a Senior Developer in providing the design guidance and consultation for the team members and integrated frameworks like Social kit , Core data, external accessory frameworks like Bluetooth etc.,
- Analyzing complex business requirements, designs and writes technical specifications to design or redesign the complex business logic.
- Preparation of Analysis and Design Documents.
- Develop the code based on the design document and Provide technical guidance for team members.
- Involvement in Performance tuning of mobile app.
- Performing UNIT Testing, Integration testing, and preparing test reports.

**Skills:** iOS, XCode, iOS SDK

**Project 2: TD Remote Deposit Cheque  
IOS Developer**

**January 2014 – November 2014**

**Description:**

TDCMRDC is added as a new feature to the existing TDCT (Toronto- Dominion Canada Trust) application. Through this registered account holders can deposit cheques remotely instead of submitting them manually, any time anywhere.

Registered users can deposit cheques through camera enabled iOS devices (iOS6+). The user has to capture both front and back cheque images and fill out the form to submit the cheque. Users can view the last 30 days submitted cheques as well.

**Responsibilities:**

- Worked as a Senior Developer in providing the design guidance and consultation for the team members.
- Analyzing complex business requirements, designs and writes technical specifications to design or redesign the complex business logic.
- Preparation of Analysis and Design Documents.
- Develop the code based on the design document and Provide technical guidance for team members.
- Involvement in Performance tuning of mobile app.
- Conducting the Code review for the team, also providing required comments and corrections.
- Performing UNIT Testing, Integration testing, and preparing test reports.

**Skills:** iOS, XCode, iOS SDK

<https://apps.apple.com/ca/app/td-canada/id358790776>

**Value Labs  
2013**

**April 2012 - November**

**Project 1: SCENARIO  
IOS Developer**

**January 2013 – November 2013**

**Description:**

VISCENARIO (Viscenario-iPad) allows users to register. Registered users can view a 3D view of the building in the IFC format. Users can search and sort Documents, Messages, and Tasks on a 3D IFC-Object like (IFCWall etc.,) Also users can do these operations on the selected storey, buildings, single facilities, and all facilities.

**Responsibilities:**

- Involved in the Design, Development, and Integration phases.
- Worked on UI Development, and business logic implementation.
- Performing UNIT Testing and integration testing.

**Skills:** iOS, XCode, iOS SDK

Link: <https://apps.apple.com/no/app/viscenario/id610277938>

**Project 2: ViscenarioGO  
2012  
IOS Developer**

**August 2012 – December**

**Description:**

ViscenarioGO allows users to register, and post messages/issues on building. Users can view the posts sent by them and can view the status of the issue. Users can also search facilities/buildings by keyword, select a building, and can post issues.

**Responsibilities:**

- Involved in the Design, Development, and Integration phases.
- Worked on UI Development, and business logic implementation.
- Performing UNIT Testing and integration testing.

**Skills:** iOS, XCode, iOS SDK

Link: <https://apps.apple.com/no/app/viscenariogo/id606724390>

**Project 3: IFC viewer for iPad POC**

**April 2012 – July 2012**

**IOS Developer**

**Description:**

IFC Viewer for iPad allows users to view 3d files (IFC format). Users can select individual objects, change color, zoom in, and zoom out. Users can view the relationships and properties of IFC objects like ifc walls, ifc window, and ifc door.

**Responsibilities:**

- Created parser library in C++ and integrated in iOS application.
- Parsed the 3D ifc file from iPad app and showcase the building model sample.
- Worked on UI Development, and business logic implementation.

**Skills:** iOS, XCode, iOS SDK, C++

**Anaxee Technologies Pvt. Ltd**

**September 2010 - December 2011**

**Project 1: Fingerprint based Web Authentication Using Aadhaar February 2011 – December 2011**

**C++ Developer**

**Responsibilities:**

- Involved in the Design, Development, and Integration phases.
- Worked on Web UI Development, establish connection web app to finger print scanner using signed Applet
- Worked on CGI implementation.
- Performing UNIT Testing and integration testing.

**Skills:** Windows, C++ CGI, Java, Neurotechnology SDK.

**Project 2: AuthPOC conducted by UIDAI**  
**2011**

**September 2010 – January**

**Client: UIDAI**

**Responsibilities**

- Implementing device APIs only getting up to the raw image.
- Established the communication from native C++ libraries to Java using JNI.

**Skills:** Windows, C++, Java, Neurotechnology SDK.

