# PROFILE

* 12 years of industry experience in Mobile Applications Development on Various platforms such as Android, iOS, HTML5 (Phone gap, JQuery), Symbian, QT/QML, REX and Samsung proprietary OS. Worked on Mobile banking applications. Has worked on all of the SDLC phases for application development.
* Has managed teams of embedded & enterprise projects of 5 to 10 people & has been performing a customer interfacing role.
* Currently working as a Architect/Designer at ANZ - Australia and New Zealand Banking Group Ltd.
* SME and Technical Architect for Android and HTML5 based Mobile Applications.

# TECHNICAL EXPERTISE

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| **Languages** | C, C++, Java, Java Scripts |
| **Platforms** | Android, iOS HTML5 (Phonegap,jQuery), Symbian, QT/QML |
| **Domains** | Mobile Application Architecture, Middleware. |
| **IDE/ Development Tools** | Eclipse, Android Studio , Xcode |
| **Config. Mngt Tools** | GIT/GERRIT,CVS, SVN, Test Central. |

# EDUCATION

Jun 1998 - March 2002 Bachelor of Technology in Electronics & Communications Engineering from Jawaharlal Nehru Technological University (JNTU), AP, India.

# PROJECTS

## One Care Express (Jan ’14 – Till date)

**Client: Australia and New Zealand Banking Group Ltd, Australia.**

**Project & Role Description**

**Android & iOS App**: OneCare Quote tablet app is a cross platform mobile application. It provides Australian financial advisers with a powerful life insurance illustration tool on their iPads and Android tablets.

**Role:** Technical Architect. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Involved in Requirement Analysis, App Design and Effort estimation.
* Managing the team including mentoring, integration and release till goLive.

## Argos (July ’13 – Dec ‘13)

**Client: Argos, UK.**

**Project & Role Description**

**Android UI Apps** for an online retailer application, which displays various products where user can buy single or multiple items (trolley/cart) for Store Collection and Home delivery. A complex application with features such as Sign in/Signout, favorite stores, persistent trolley, product checkout, shortlist, Delivery Addresses, location maps etc.

**Role:** Technical Architect. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Involved in Requirement Analysis, App Design and Effort estimation.
* Managing the team including mentoring, integration and release

## Case Management App (March ’13 – June ‘13)

**Client: Cisco Systems Inc.**

**Project & Role Description**

**Android UI Apps** for an online Case Management application, which displays the user created case list, detail view, comments and also provide the feature to create case and add case comments.

\*The entire UI is dynamic. UI changes can be controlled from server itself without doing any code modifications

**Role:** Technical Architect. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Involved in Requirement Analysis, App Design and Effort estimation.
* Implemented entire UI and backend interfaces which interacts with Salesforce cloud
* Leading the team including mentoring, integration and release

**Enterprise Partner App (Nov ’12 – May’13)**

**Client: Cisco Systems Inc.**

**Project & Role Description**

**Android UI Apps** for an online partner application, which displays the various partner opportunities, status of the partner and approval list etc. for the client product.

**Role:** Technical Architect. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Involved in Requirement Analysis, App Design and Effort estimation.
* Implemented the interfaces (backend) which interacts with client server/cloud (Salesforce).
* Implemented the List views, Map view, detail views and fixed many defects raised by QA .
* Leading the team including mentoring, integration and release

## EE HTML5 App (May ’12 – Sep ’12)

**Client: Everything Everywhere Limited, (EE)**

**Project & Role Description**

**HTML5 (Android & iOS Apps )** for an online marketplace which is a My Account Application developed in HTML5 cross platform (Phone gap, jQuery) and supports 2 platforms, which will help the user to view the Account summary, pay bill offers, usage, itemization data etc.

**Role:** Team Lead. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Implemented the Local storage functionality and Ajax call feature on WP7
* Implemented Config file update incl. images (background thread for update content)
* Implemented Internationalization of the text.
* Fixed some of the critical defects highlighted by client (Fix for HTC sensation, Fix for my account screen iFrame isroll issue in ICS devices )
* Lead the team including mentoring, integration and release.

## EE Android Native App (Sep ’11 – April ’12)

**Client: Everything Everywhere Limited, (EE)**

**Project & Role Description**

**Android UI Apps** for an online marketplace which is a My Account Application developed in Android Native UI, which will help the user to View the Account summary, pay bill offers, usage, itemization data etc.

**Role:** Team Lead. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Worked on critical requirement implementations such as Authtoken, upgrade countdown, topup by card and critical defects.
* Implemented the XML "content" (not the tag) parser for whitelisitng requirement, this implementation helped the project to avoid using external/third party code/libs
* Created the security guidelines for Mobile applications which is a reusable asset for Accenture App Factory
* Lead the team including mentoring, integration and release.

## American News Channel Mobile App (May ’11 – Aug ’11)

**Client: Nokia/CNNGo**

**Project & Role Description**

**QT/ QML UI Apps** for a popular News channel which is an insider guide to lifestyle, shopping, hotels & restaurants with travel guide to top Asian cities along with additional features like search, article sharing via email, Facebook and Twitter.

**Role:** Team Lead. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Implemented Twitter, Face book functionalities. (Twitter oAuth implementation).
* Resolved main/critical challenge (Memory issue) which is almost a blocker for this application by adding a support feature which optimized the memory usage which leads the app to zero crash/app force close.
* Actively involved in various discussions like feasibility, requirement analysis and Design.
* Supported client team in various phases w.r.t requirement and Symbian Platform limitations. (This helped client team to update the requirements and provide the screen shots without any last minute surprises.)

## S^3 Hardening (May ’10 – Apr ’11)

**Client: Fujitsu Global.**

**Project & Role Description**

**Symbian UI & Middleware** for improving the stability of the platform (UI and middleware) and app enhancements by interacting with Client and Symbian Foundation.

**Role:** Team Lead. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Fixed more than 35 Client (raised) defects on different components (UI, MW and ALF (graphics)) and involved in developing feature enhancements.
* Optimized many components for better performance/responsiveness

(Ex: Call application responsiveness issue which is a blocker for client and Note pad)

## CDMA Mobile Platform (Jan’09 – April ’10)

**Client: Samsung India.**

**Project & Role Description**

To design and port the Camera application (UI and Middleware) for Samsung mobile phones. Camera Application includes Image Capture (Single and Multishot), Video Recording and Panorama. Also involved in porting of global font UNICODE changes (Localization).

**Role:** Team Lead. (Includes Requirement Analysis, Effort Estimation, Design & development, Team Mentoring and Release)

**Contribution**:

* Porting the camera application (UI and Middleware)
* Involved in porting of global font UNICODE changes (Localization)
* Defect fixing, build and delivery.

## Multimedia Applications for Symbian Handsets (Sep’06 – Dec ’08)

**Client: Motorola, UK.**

**Project & Role Description**

**Symbian UI Apps** to design and develop Multimedia Applications like Media Gallery, Media Player, Media Capture and also various interfaces such as Media upload and Media Editor for these apps. Also to enhance the existing multimedia applications to support full touch UI for North American Tier 1 handset vendor Handsets. This project also involved in the design of interfaces for multimedia applications to launch the third party applications

**Role**: Developer (Includes Design & development, Unit Testing, Defect fixing, Build and delivery)

**Contribution**:

* Implemented list views and details views in Media gallery, Media Player and Media Capture.
* Implemented the interfaces for third party applications such as Media upload, Media Editor etc.
* Involved in enhancing existing multimedia applications to support full touch.
* Defect fixing

## MMI for Scheduler Applications in Handsets (Apr ‘05 – Jul ’06)

**Client: Toshiba, Japan.**

**Project & Role Description**

The scope of this project is to design the application software for mobile phones and are responsible for some modules in the full system. Different application tasks are involved in building the MMI (Man Machine Interface) for Toshiba mobile phone, addressing Vodafone requirements. Scheduler task takes care of handling Calendar, Action Items List, Alarm Clock and Weekly Time Table services.

**Role:** Developer (Involved in the development of Alarm Settings module, which is a part of Scheduler Task. Alarm Settings involves in Setting of Alarm in different sub modules like Time Alarm, Calendar Appointment Alarm, Task Alarm and Reminder. Also involved in the Service Memory Design, Unit Testing of all the flows and Other Task/Tool interactions like Date and Time, Volume Control and Ringer Pattern Preview etc.)

## AXC Framework (Adequacy and Comprehensiveness) (Jun’04 – Feb ’05)

**Client: US based client**

**Project & Role Description**

This project is to develop the AXC Framework, which is an integrated software test solution that enables development of non-redundant, error-sensitive test case specifications, which can unearth defects in the system with optimized effort and duration. The Framework easily integrates with the Development Environment and supports testing on Embedded Target for identified processors. It supports real-time data monitoring and recording of time stamp events. AXC tool supports the following testing events: Unit testing, Integration testing, System testing.

**Role**: Developer (Involved in writing the PERL Scripts in all the Modules. PERL Scripts Automates this project as follows: Firstly, it will parse the intermediate Text file generated by STI tool (which takes source files as inputs) and fills the Database. From the Data Base it will fill the Excel sheet, where we can give the input values for all the variables. Using this Data it will generate the Driver files for every function. Finally, the output of each driver file is directed to Final report.)

## MPC8264A Driver Enhancement (Apr ’03 – May ’04)

**Client: US based client**

**Project & Role Description**

The scope of this project is to design and incorporate IMA (Inverse Multiplexing for ATM) functionality into the MPC8264A driver. The purpose of which is to provide a cost effective solution to carry high speed Connections. IMA involves inverse multiplexing and de-multiplexing of ATM cells in a cyclical fashion among links grouped to form a higher bandwidth logical link whose rate is approximately the sum of the link rates. The multiplexing of the ATM cell stream is performed on a cell-by-cell basis across the multiple physical links.

**Role**: Developer (Involved in configuring the links to the specific group. (The links, which are used to transfer the data, has to be configured to specific group and to specific FCC Fast Communication Controller). Involved in the coding of sample test cases to check all the functionalities of IMA (Inverse Multiplexing for ATM). These test cases are used to check the following requirements: Configuration of links, groups, AAL (ATM Adaptation Layers), FCCs, IMA status, IMA statistics, IMA Data Transfer, Link deletion, group deletion etc.)