

## Summary

- Over 5 years and 11 months of experience on developing Android based applications.
- Exposure to software development process in Android platform.
- Technical expertise includes:
  - Ability to consume Web Services – XML/JSON- and parse to display data dynamically on app.
  - Leveraging Google Maps APIs, Bluetooth API, Google Cloud Messaging API
  - Creation of custom single and collection views
  - Hands on experience in integration of third party libraries like Retrofit, Zxing, Paypal, and social media integration(Facebook, Twitter)
  - Knowledge in publishing the App in the Playstore.
  - Adaptable to work for stretched periods and stringent deadlines.

## Added skills:

- Collaborating with client and team members.
- Organizing team process.

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## Technical Skill

### FUNCTIONAL

- Client interaction
- S/W development life cycle methodologies  
AGILE, SDLC
- Project requirements definition, Requirement Gathering, Project Architecture, Development and Deployment
- Implementing projects, unit testing and user acceptance testing
- Project maintenance

### TECHNOLOGY

- Languages – Android SDK, Java,C#
- Databases – SQLite,
- Development Tools – Eclipse, ADT, Android Studio, IntelliJ
- Version Control: SVN,GIT
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**Professional Experience:**

**1. Application - Autozone**

**from Dec 2014 to Oct 2015**

**Organization - AutoZone, Inc., Memphis, Tennessee, U.S.**

**Technology**

→ Android, Java, SQLite

**Role**

→ Developer

**Project Description:**

AutoZone is one of the leading retailers and a leading distributor of automotive replacement parts and accessories in the U.S. We provide a complete ecommerce solution for AutoZone. AutoZone Android Mobile Application provides the user to browse, purchase & track orders of AutoZone products. The application also includes the functionality of scanning bar code, managing user vehicles, managing cart, tracking rewards, displaying dynamic deal information, dynamic style for the UI and Analytics.

**Responsibilities**

- Preparing the use cases for all features in the application.
- Integration of Paypal SDK for payment operation
- Created base structure for navigation flow of the app
- Integration of Bar code scanner using Zxing library
- Designed UI for all the screens in the app
- Integrated and configured Tealium SDK for analytics
- Integrated the Google Cloud Messaging SDK
- Fixing the bugs reported by client side QA team.

**Availability on Playstore: Yes,**

<https://play.google.com/store/apps/details?id=com.autozone.mobile>

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**2. Application - Viper SmartStart / Directed SmartStart**

**from AUG 2010 to Jan 2012**

**Organization - Directed Electronics - California, United States**

**Technology**

→ Android, Java, SQLite

**Role**

→ Developer

**Project Description:**

The simple graphical interface gives end user control over the following features of installed Viper remote start or security/remote start system: Lock/arm, Unlock/disarm, Remote car starter, Trunk release, Panic or car finder.

### **Responsibilities**

- Gathering requirements from the client.
- Preparing the use cases for the features.
- Created the dashboard
- Implemented from scratch for Bluetooth operation
- Consumed web service and updated UI accordingly.
- Integrated Urban airship for the push notification.
- Implemented the Geo fencing business logic.
- Fixing the bugs reported by client side QA team.

**Availability on Playstore:** Yes,  
<https://play.google.com/store/apps/details?id=com.directed.android.viper>

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### **3. Application - Time Mobile**

**from MAY 2011 to JUL 2011**

**Organization - TI Media Solutions Inc. - Time Inc. (Time Warner)**

### **Technology**

- Android, Java, SQLite

### **Role**

- Developer

### **Project Description**

App allows user to stay connected to top stories and what's most popular on TIME.com. And gets the latest news, reader's opinion and analysis from TIME influential bloggers, and browse through award-winning photography.

### **Responsibilities**

- Preparing the use cases for upgrading
- Implemented image caching logic
- Updated the database version to support additional feature of saving news feed
- Testing the Upgrading scenario.
- Validating the bugs reported by QA team.
- Resolving the analyzed bugs.

**Availability on Play store:** Yes, <https://play.google.com/store/apps/details?id=com.Time>

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**4. Application - CNBC Alarm Clock**

**from OCT 2012 to DEC 2012**

**Organization - TI Media Solutions Inc. - Time Inc. (Time Warner)**

**Technology**

→ Android, Java, SQLite

**Role**

→ Developer

**Project Description**

- Can set alarm with CNBC anchor telling you the status of the market
- View current weather conditions, temperature, high and low
- Displays S&P 500 or S&P Futures market data, CNBC Market Update, CNBC Top News, Upcoming guests on CNBC, CNBC Top Video as panel.

**Responsibilities**

- Getting requirements from the client.
- Preparing the use cases for the features
- Created the carousel view with customization of auto scroll and time interval
- Implemented the alarm logic considering the time zone constraint
- Integrated Weather API
- Implemented business logic to play alarm tone based on market price

**Availability on Play store: Yes, <https://play.google.com/store/apps/details?id=com.tring.cnbc>**

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**5. Application - HBO GO/ MAX GO**

**from SEP 2011 to FEB 2012**

**Organization - Home Box Office Inc.**

**Technology**

→ Android, Java, SQLite

**Role**

→ Developer, Tester

**Project Description**

The new streaming service from HBO.

Allows user to watch over 1,400 of HBO shows, including HBO original programming, hit movies, sports, comedy.

**Responsibilities:**

- Preparing the use case for upgrading.
- Testing the Upgrading scenario.
- Designed logic to display the view layout based on server configuration
- Integrated the NexPlayer for video playing
- Integrated Flurry API for analytics

**Manikkumar K**  
9894740860

- Designed the UI screen for the application
- Analyzing the bugs reported by QA team.
- Resolving the analyzed bugs.

**Availability on Play store: Yes,** <https://play.google.com/store/apps/details?id=com.HBO> & <https://play.google.com/store/apps/details?id=com.MAXGo>

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## **6. Application - Calamp**

**from JUN 2012 to SEP 2012**

**Organization - Calamp**

### **Technology**

- Android, Java

### **Role**

- Developer

### **Project Description**

The application is used to view the present and past usage of current/voltage of Configured AC devices with the Calamp devices.

### **Responsibilities:**

- Created the carousel view
- Created custom view to show the current amps
- Added animation logic to show the needle on digital meter
- Created the custom bar and line chart without using any third party API
- Resolving the bugs reported by QA team.

**Availability on Play store: No**

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## **7. Application: MenuPages**

**from JAN 2011 to MAY 2011**

**Organization: New York Media LLC**

### **Technology**

- Android, Java, SQLite

### **Role**

- Developer

### **Project Description**

- Menus for 30,000+ restaurants.
- Using 'Current Location' provides provision to find the restaurants around us.
- Search by restaurant name, dish, cuisine, feature (e.g. outdoor seating, kid friendly) or Meal (e.g. Breakfast, Brunch, Lunch, Dinner)

### Responsibilities

- UI Designing.
- Designing the architecture and database schema.
- Consuming the web service the updating of UI fields
- Implemented the geo-location feature
- Submission of app to the Playstore

**Availability on Play store: Yes,** <https://play.google.com/store/apps/details?id=com.MenuPages>

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### 8. Application: Grabhouse

from May 2013 to July 2013

**Organization:** [Grabhouse](#)

### Technology

- Android, Java, SQLite

### Role

- Developer

### Project Description

- The Grabhouse listing empowers you to select your roommates by mentioning your requirements with the listing.
- Grabhouse checks your compatibility with people showing interest in your listing and makes it easy to connect.
- Get power in your hands and upload the listing of your house in a matter of few minutes.

### Responsibilities

- UI Designing.
- Designing the architecture and database schema.
- Consuming of web service
- Integrated the Sliding Menu Library
- Integrated the static Google Map API
- Submission of app to the Playstore

**Availability on Play store: Yes,** <https://play.google.com/store/apps/details?id=com.doodleblue.grabhouse>

**8. Application: CMU Alert**

**from July 2013**

**Organization: Carnegie Mellon University**

**Technology**

→ Android, Java, SQLite

**Role**

→ Developer

**Project Description**

CMU Alert is an Emergency App for the student, staff & faculty body of Carnegie Mellon University, Pittsburgh, PA.

This application provides information on what to do in various emergency situations and how to prevent crimes. It provides interactive maps with information on Automatic External Defibrillators (AED) locations and campus bus routes. An emergency dialer is included for quick access to emergency personnel. It also provides important links to Carnegie Mellon University websites.

**Responsibilities**

- UI Designing.
- Designing database schema.
- Binding the locally fetched data with UI
- Integration of Parse API for push notification.
- Integrated the Google Maps API

**Availability on Play store: Yes,**

<https://play.google.com/store/apps/details?id=com.cmu.cmualert>

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**Education**

→ Scored 85% in Xth Standard, Year of passing - 2004.

Kalaimagal Vidyalaya Matriculation Higher Secondary School, Chennai

→ Scored 83% in XIIth Standard, Year of passing - 2006.

SBIOA Model HSS, Chennai

→ Scored 75% in Bachelor of Engineering in Computer Science, Year of Passing: 2010

S.R.R. Engg college, Chennai

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**Manikkumar K**  
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**Passport Status**

→ Expires on 14/06/2022

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**Contact Details**

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