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| 109 Agraharam, | **A S H W I N BA L A J I R** | +919740370887 | |  |
| Chinnamanur, TN | <https://in.linkedin.com/in/ashwin-balaji> |  | [ashwin.achu.1311@gmail.com](mailto:ashwin.achu.1311@gmail.com) | |

**CAREER OBJECTIVES**

To use my knowledge and skill to the best, thus developing my potential further and dynamically work towards the growth of the organization.

**TECHINAL SKILLS**

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| Programming Languages | : C, C++, Java, PHP, JavaScript,Scala |  |
| NLU Tools | : DialogFlow, Amazon Lex, Alexa Skills Kit |  |
| Web Technologies | : HTML, CSS, Node.js, Express.js |  |
| Database | : MySQL, MongoDB |  |
| Softwares | : Filezilla, Xampp, VS code, Git |  |
| Cloud platforms | : Amazon AWS |  |

**EMPLOYMENT**

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| **Programmer Analyst Trainee** | **Cognizant,Chennai** | **Dec2017-Present** |

* Programmer Analyst Trainee (Potential Orbit Shifter)
* Potential Orbit Shifter is top 5% of new recruitments
* Working in Conversational AI
* Created Demo Chat Bots using Alexa Skill Kit ,Google DialogFlow, Amazon Lex, Lambda.

**PROJECTS**

**QSR ChatBot:**

Customer can order food on voice based app on android.

**DialogFlow** is uses as NLU tool for the project.

Role: Handling the conversation flow in DialogFlow and backend part of dialogflow in inline editor.

Language:Node-js

**Lex ChatBot:**

FAQ Chatbot for answering user queries

Facebook Messenger as FrontEnd.

**Lex** is used as NLU, Lambda as backend , middleware for lex and facebook to modify the response from lex

for using messenger templates, **Places API** of Maps for validating places name, small talk using **LUIS**.

Language:Node-js, Mongo

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| **Software Engineer, Intern** | **Litz Tech India Pvt Ltd.,** | **May 2016 – June 2016** |

* Worked as an android developer.
* mplemented the components / modules and databases for the android app: BirthdayReminder, SchoolApp and WaterCan.
* Languages : Android Studio, Java, SQL.

**COLLEGE PROJECTS**

**Design of Large Scale Recommendation Using Hadoop & Spark**

Built a recommendation system to predict products that the customers can like based on their amazon shopping history. Content based filtering approach was used. The results of the study were published in *Third International. Symposium on Intelligent Systems Technologies and Applications (ISTA'17)* at Manipal. *Technologies Used*: Java, Hadoop, Scala.

**FindMyVolunteer**

Worked on an android project used to connect victims and volunteers in times of natural disaster. The project involves design and implementation of the following modules:

Single page tab layout for victim and volunteer.

*Help Post:* In Victim tab, Victims can post requests with their location.

*Help Dash:* In volunteer’s tab, incoming help requests are displayed. Volunteers can access victim’s request and mark as help in progress once they decide to act on the request.

*Technologies Used:* Android, Java.

**Farming Mangement System:**

Farming management System Designed and implemented a web application to build a market place for farmers with the following modules:

*User signin/ signup:* The system supports two types of profiles farmers (typically sellers) and agents (the buyers).

*Inventory management (For farmers):* Farmers upload their inventory to the market place which is visible to all the agents.

*Market place (For Agents):* This module displays inventory of all the farmers. Agents can place a purchase request to the farmer. Farmer will be notified for every purchase request.

*Purchase Review (For Farmers):* lets the farmer to review all his incoming purchase request and accept them.

*Technologies Used:* PHP, SQL, HTML, CSS, JavaScript.

*Website link:* <https://ashwinachu1311.000webhostapp.com/2.html>.

**EDUCATION**

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| **Bangalore, Karnataka** | **Amrita Vishwa Vidyapeetham** | **August 2013 – May 2017** |

* B.E. in Computer Science, GPA: 6.76

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| **Madurai, TN** | **Velammal school of excellence** | **April 2012 – April 2013** |

* Completed my school leaving exams with 83.6%.

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| **Theni, TN** | **T.K.S.M Higher Secondary School** | **April 2010 – June 2011** |

* Finished my X exams with a score of 93%.

**ADDITIONAL EXPERIENCE AND AWARDS**

* **Third Prize, Android Hackathon:** Awarded 3rdprize in an android hackathon hosted for all the students in AmritaUniversity, Bangalore.
* Completed A1 module in Germany.
* Participated in Android workshops.