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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

NLU Tools	: Dialogflow, LUIS, Qna Maker, Lex, Alexa
Web Technologies	: Node.js, TypeScript , Angular, HTML, CSS
Databases	: MongoDB, MySQL, SQL Server
Softwares	: VS code, Git
Cloud platforms	: Amazon AWS, MS Azure

EMPLOYMENT

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

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

PROJECTS

Automobile Bot:

Bot to answer user queries regarding services offered by automobile client.

Responsibilities:

- Integration component to handle data processed by **Artificial Solutions (Teneo)** and restructuring data to populate templates for front end implementation.
- **Solr** to index car models data.
- **Metadata** implementation in Teneo for analytics.

Technologies Used: Node-js, Artifical Solutions, Solr.

Healthcare Bot:

Bot to handle queries regarding user dependent information and benefits faqs.

Responsibilities:

- Used Dialogflow and Orbita for flow design and fulfilment implementation.
- Service layer for processing dependent data required to answer user queries.

Technologies Used: Node-js, Dialogflow, Orbita.

Retail FAQS ChatBot

FAQ Chatbot to handle user queries on services offered by franchise.

Responsibilities:

- Used **Microsoft LUIS** and **QNA Maker** service as NLU.
- Hosted **Bot Connecter code** in Azure.
- Used **MS SQL** to store user feedback and conversation logs.
- Built Analytics website using **Google charts**.
- Built **Testing Framework** for Regression testing of utterances.

Technologies Used: Node-js, MS SQL.

Lex ChatBot:
Multi-level Conversation Chatbot for answering user FAQ.
Responsibilities:
- **Facebook Messenger** as FrontEnd.
- **Lex** is used as NLU, **Lambda** as backend.
- Built **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 QNA

Technologies Used: Node-js, Mongo

QSR ChatBot:
Customer can order food on voice based app on android.
Responsibilities:
- Used DialogFlow as NLU tool for the project.
- Handled the conversation flow in Dialogflow and backend part in inline editor.

Technologies Used: Node-js

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

- Worked as Android developer.
- Implemented the components / modules and databases for android apps: 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.

EDUCATION

Bangalore, Karnataka   **Amrita Vishwa Vidyapeetham**   **August 2013 – May 2017**
- B.Tech. in Computer Science, GPA: 6.76

Madurai, TN   **Velammal School of Excellence**   **April 2012 – April 2013**
- Completed my school leaving exams with 83.6%.

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 3rd prize in an android hackathon hosted for all the students in Amrita University, Bangalore.
- Completed A1 module in Germany.
- Participated in Android workshops.