# ABHISHEK KUMAR SINGH

TMQ 338/1, 6<sup>th</sup> Camp,
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## CAREER OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

## EDUCATIONAL QUALIFICATION

- Pursuing bachelors of engineering degree in Computer Science and Engineering with an aggregate of 78% (till 7th semester).
- **2012** - 12th from Kendriya Vidyalaya, Bangalore with 81.2% marks.
- **2010** - 10th from Kendriya Vidyalaya, Rajasthan with 91.2% marks.

## TECHNICAL SKILLS

- Languages **:** C, C++, JAVA (Core and GUI), Python
- Database **:** MySQL, Sqlite
- Web development **:** Full stack web developer (Front and back end developer), worked upon MVC frameworks (Laravel, CakePhp),AJAX.
- Operating Systems **:** Windows, Linux (Worked upon Fedora, Ubuntu, CentOS).
- Other tools **:** Photoshop, Dreamweaver, IDEs (Netbeans and Eclipse),OpenCV.
- Application **:** Android, Web Apps, Desktop applications with platform independencies.
- Skills **:** Algorithm designing, Image processing, Object orientation.

## EXPERIENCE

JULY 2015 – AUGUST 2015
 (4 WEEKS)

**ITC INFOTECH, BANGALORE**
INTERN AT DESIGNING DEPARTMENT

- Designed and developed a real time text recognition (major) and processing application for the **Automated Driver Assistance Systems.**

- The project was aimed at detecting text from the real time environment (Such as roads, streets, highways etc.) for assisting drivers while driving vehicles. The system was also capable of mapping the detected locations over the *Google Maps* to make results more familiar.

- Testing was performed on real time videos captured from the dashboard cameras of the vehicles. The end results were quiet satisfactory and efficient at real time.

## ACADEMIC PROJECTS

1. Project name**: SpeakIt**
   Langauges used **:** Java in Android , Sqlite.
   Support **:** Compatible with devices running on Android 4.0.4 and above.
   Description**:** SpeakIt is an application that takes voice commands from the user
   providing proper command flexibility and ease in use of the phone.

2. Project name**: HandySearch**
   Langauges used **:** Java (GUI), SQL.
   Description**:**  HandySearch is a desktop application made in java (hence platform
   independent and object oriented) that *learns* search habits of the user
   by his/her search queries.

3. Websites developed**:**
   - **http://acharyahabba.in**
     (a *social network* developed to carry out fest discussions. Team size**:** 4)
   - **http://acharyacse.in** (department size for dept. of CSE,AIT) – under
     development.
   - **http://awesomestuff.coolpage.biz**
   - h**ttp://acharyainstitues.in/sports/apl**
     Sports (Cricket) based website with features**:** Admin panel to view registrations,
     live score updates etc.

4. Project name**: The Speaking Clock**
   Langauges used **:** C with OpenGL support.
   Description**:**  The project is a digital and analog clock that speaks current time on
   user click to the interfaces. It is capable of storing alarms with proper
   error handlers.

5. Project name**: MyBot**
   Langauges used **:** Java and MySQL.
   Libraries used **:** FreeTTS, Sphinx, and Mysql libraries.
   Description**:**  It receives commands from the user in offline mode and performs
   relevant actions on the system to serve the user. It was built to
   automate the response to user commands such as opening a file
   window, web browser with related query and much more.

6. Apps developed**: AddOral, AlertCaller**
   Langauges used **:** Android, Sqlite.
   Libraries used **:** Google TTS, Google Voice synthesis and process (STT) .

## EXTRA CURRICULAR ACTIVITIES

- Participated in Forum fest as event coordinator.
- Has been part of college fest in 2015.
- Active participant in techincal seminars and workshops held in the campus.
- Secured third position in IBM bluemix hackathon held in the campus.
- Secured first position in Infosys Aspirations 20-20 at college level.

## STRENGTHS

- Flexibile and adaptable to work in different environments.
- Willingness to accept any challenge irrespective of its complexity.
- Good team player and positive attitude.

## PERSONAL DETAILS

- Date of birth**:** 26/03/1995
- Languages known**:** Hindi and English.
- Interests**:** Playing basketball, music, reading books.

## DECLARATION

I hereby declare that above mentioned all the information is true to the best of my knowledge.

**Date:**
**Place:** Bangalore                                                **SIGNATURE**