

Karthik Balu

☐ Mobile: +91- 8056299362 ☐ E-Mail: karthik.b.1195@gmail.com

**In quest of career enhancing opportunities in
innovative and challenging domains.**

SNAPSHOT

- ☐ Leadership Event organizer at departmental events in College
Office bearer for the department in college in 2014-2015
Vice President of NSS Unit of the College 2015-2016
- ☐ Research Exhaustive planner, extremely detail-oriented and organized
- ☐ Team Player Excellent team player. Worked as a team to resolve complex issues

EDUCATIONAL CREDENTIALS

- ☐ Bachelor of Engineering in Electronics and Communication from Easwari Engineering College, Anna University, Chennai in 2017 with 7.54 CGPA
- ☐ Class 12th from Zion Matriculation Higher Secondary School, Chennai in May 2013 with 97.67%
- ☐ Class 10th from Zion Matriculation Higher Secondary School, Chennai in May 2011 with 96.2%

AREAS OF EXPERTISE

- ☐ Embedded Systems
- ☐ Application Programming

PROJECT SUMMARY

SPEECH SYNCHRONISED BRAILLE PRINTER

March 2017

- ☐ Project to print the words spoken as Braille for use by the Visually Impaired in universities
- ☐ Worked with Raspberry Pi3, Epson Dot Matrix Printer and Python/C Programming

REAL TIME TEMPERATURE SENSING

June 2016

- ☐ Project to record and plot the current temperature
- ☐ Worked with Raspberry Pi3, LM35 Sensor, Plot.ly and Python Programming

SEARCH AND RESCUE BOTS (EYANTRA 2015)

November 2015

- ☐ Worked on a maze traversing bot that detected blocks placed in its path
- ☐ Worked with Firebird V Kit and ATMEL Studio

ALL TERRAIN VEHICLE BOT

November 2014

- ☐ Built a 4 wheeled bot, controlled by a wired remote consisting of switches and relays
- ☐ Tested the bot at MIT ATV Circuit successfully

INDUSTRIAL EXPOSURE

- ✧ INTERN at **Econ Systems Private Ltd** **January 2017 to March 2017**
Worked on Embedded System Programming, Imaging Applications and Implementation of Linux System Commands
- ✧ INTERN at **Ensemble Tech Private Ltd** **June 2016 to November 2016**
Worked with Raspberry Pi-3 on projects based on Internet of Things

ACHIEVEMENTS

- ✧ Presented a paper on “Modeling and Control of Low Pressure Membrane Desalination Process” in MOES National Conference **September 2014**
- ✧ Won Circuit Design Contest conducted by the Student Society of the Department of ECE **September 2014**
- ✧ Won Elocution Contests organized by the English Literary Club **November 2013**
- ✧ Won Electronics Design Contest(ELECTRADICTO) **September 2013**

VOLUNTEERING EXPERIENCE

- ✧ Participated in two 7-day Special Camps organized by the NSS Unit at Puduper Village **February 2015 and March 2016**
- ✧ Recognized as **outstanding volunteer** of NSS- Easwari Engineering College **2015-16**
- ✧ An active participant in camps organized by the NSS Unit which included Reading sessions with Visually impaired, Traffic and Cancer awareness campaigns and Tree plantation drives **2014- 2016**

IT FORTE

- ✧ C - Advanced
- ✧ C++ - Advanced
- ✧ Python - Intermediate

PERSONAL DOSSIER

Date of Birth : 20th Nov 1995
Address : 13 Thiruvallur Street, Metha Nagar, Selaiyur, Tambaram,
Chennai – 600 073
Linguistic Skills : English, Tamil
Interests : Reading, Travelling, Volunteering

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and ability.

PLACE : CHENNAI
DATE :

SIGNATURE

(Karthik.B)