Name : **Rahul Garg**
Email Id : **rahulgarg.sk@gmail.com**
Cellphone : **09268751725**

Career Objective

To work in an organization which can help me grow as a professional and wherein I can contribute towards the benefit of the Company in term of meeting its goals and render excellent professional services to the same.

Academic profile

Degree/ Certificate	Board/ University	School / College	Year of Passing	Percentage
B.Tech (ECE)	DCRUST University, Murthal, Sonipat	Delhi Institute Of Technology & Management, Sonipat	2015	64%
12th	CBSE	Columbia Foundation Sr. Sec. School	2010	78%
10th	CBSE	Columbia Foundation Sr. Sec. School	2008	80%

Skills & Proficiency

- Proficient in C language & Data Structure
- Sound knowledge of Linux system programming & Linux Kernels.
- Proficient in Linux Device Driver.
- Knowledge of socket programming.
- Worked on AVR microcontroller (Embedded C).
- Worked on ARM(Samsung S3C2440) microprocessor (C & Linux OS).
- Sound knowledge of Robotics.
- Protocols known : UART,SPI,RS-232,I2C.
- Sound knowledge of related development tools.
- Built ARM cross compiler toolchain.

- **Embedded Software Developer**

  Company   **:** Miracle Technologies

  Duration   **:** 6 months (May-Dec 2015)

  Tools/Environment   **:** ARM microprocessor, C language, Linux OS

- **Embedded Systems & Robotics**

  Company   : i3indya Technologies

  Duration   : 6 weeks (July-Aug 2013)

  Tools/Environment   : AVR microcontroller, AVR Studio, Embedded C

Projects

- # Multifunctional Robot

  Company   **:** i3indya Technologies

  Duration   **:** 6 weeks

  Project Summary **:** Multifunctional robot to perform user desired operation
  including line follower, edge avoider/wall follower, obstacle
  avoider which can either be a PC(UART), remote(RF), DTMF
  or touch controlled.

- **LINUX BASED CHAT SYSTEM**

  Company   **:** Miracle Technologies

  Duration   **:** 5 months

  Project Summary **:** The project is basically a Linux based chat system in which
  I will be making a server and client based chat application.
  At the end of the project one would be capable of doing
  chat from server to client and client to server either on a
  local machine or on different machines. This application is
  coded using socket programming in C language.

- **LINUX BASED AUDIO/VIDEO STREAMER**

  Company : Miracle Technologies

  Duration : 5 months

  Project Summary : This project is Linux based audio/video streamer in a webpage is developed having an embedded player with a video and this will be working only if the server is active. Thus this project behaves as a very small version of YouTube where a video is being played by clicking on the link.

Other projects

- Spybot using Bluetooth & Android App (Academic)
- Home Automation using ARM microprocessor
- Built the ARM cross compiler toolchain on Linux Ubuntu (Porting).
- Device drivers using GPIO pins of ARM microprocessor.
- Interfacing of various sensors/modules with AVR & ARM microprocessor.

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Personal details

Date of birth	: 25 Sep,1992
Gender	: Male
Father's name	: Kaladhari Garg
Nationality	: Indian
Marital status	: Single
Languages	: Hindi, English
Hobbies	: Reading novels and blogs, collecting stamps.
Residential address	: S-4/41, Old Mahavir Nagar, Tilak Nagar, New Delhi 110018.
E-mail Id	: rahulgarg.sk@gmail.com
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