CURRICULUM VITAE

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EDUCATION	➢ The Indian Community School, Kuwait CBSE(10TH grade,2008): 81% ➢ The Indian Community School, Kuwait CBSE (12TH grade,2010): 74% ➢ Pune Institute of Computer Technology, Pune (2010-2015) Bachelor of Engineering (Electronics & Telecommunication)
TECHNICAL SKILLS	➢ CCNA(Cisco Certified Network Associate) ➢ CCNP training ➢ MATLAB ➢ TCP/IP ➢ C++ ➢ Python ➢ Android App Development
HARDWARE SKILLS	➢ Arduino ➢ Raspberry Pi ➢ TAH ➢ CPLD ➢ 8051 Microcontroller
PROJECTS AND SEMINARS	➢ **Automatic Headlamps switching using Ultrasonic Sensors.** This device uses a sonar sensor interfaced with CPLD which senses the distance between two vehicles and switches the headlamp's beam between high and low continuously to signal the vehicle ahead for overtaking or to alarm an approaching vehicle. Language used: VHDL ➢ **String Instrument tuner.** This tool will help people in tuning instruments like guitar, sitar, violin etc. In this system the input given by the string instrument will be the different chords and notes played on the string instrument. This input will be compared with the database using MATLAB that will have the accurate chords and notes. This will

	tell the person using the instrument whether the instrument is properly tuned. Language used: MATLAB ➢ **Seminar on Smart Antennas.** ● Done research on Smart Antennas. ● Understood the working of Smart Antennas. ● Basic advantages and disadvantages were explained. ● Presented the topic. ➢ **Quadcopter for Aerial Surveillance controller using Android phone.** In this project we designed a quadcopter and placed an IP camera over it. Arduino is used as the primary controller to control the quad-copter. The camera is placed on the quadcopter and gives live feed from the copter. The movement of the quad-copter will be controlled using an android application which will be connected to the Arduino via Bluetooth. The live feed from the camera placed on the quad-copter will be streamed on the smart phone using Wi-Fi.
INTERNSHIPS	**1. As an embedded system designer at Revealing Hour Creations.** Worked at RHC as an intern during June-July 2014. Designed the testbed for their upcoming project TAH. Used RaspberryPi as the main processor to test the TAH boards. Designed a circuit that could test the Analog and Digital pins of the TAH board. **2. As an embedded system designer at Revealing Hour Creations.** Worked at RHC as an intern during December(2014) - February(2015). Worked on a Home Automation kit (AuraHome). Worked on its Android Application and Webpage. Worked on a controller based Piano-Stairs project, that was implemented at Phoenix Mall, Pune. Held a workshop on IoT, Arduino and RaspberryPi at SKNCOE.
INTERESTS	➢ Mobile technology. ➢ Reading about new technology. ➢ Photography.