



Phone: +91-9988\*\*\*\*\*

E-mail: [abcdef@gmail.com](mailto:abcdef@gmail.com)

## PERSONAL STATEMENT

I'm an adaptable and innovative qualified Electronics & Communication Engineer with excellent organizational and team working skills. I believe that studying electronics & Communication engineering is the best way for me to apply my accumulated knowledge attained during my engineering studies and I look forward to a career that will constantly present me with new challenges.

## Education

### ABC University

(M. Tech from 2011 till now)

### XYZ College, Amritsar

(B.Tech. (Electronics and Communication Engineering))

### Punjab Board of School Education, Patiala

(Higher Secondary Subjects including Math's, Physics and Chemistry)

## Technical Skills

- ▶ Working with micro controllers (8051, PIC, AVR (hardware design))
- ▶ Programming the embedded devices using Assembly and Embedded C.
- ▶ Data communication modules installation, configuration and deployment ( Bluetooth, Wi-Fi, GPRS)
- ▶ Hardware design simulation and verification (ORCAD, PROTEUS)

### Programming Languages

- ▶ Assembly Programming, C, C++, Embedded C

### Documentation Tools

- ▶ Microsoft Word, MS Excel, MS PowerPoint, Libre Office
- ▶ Mendeley, LaTeX

### Simulation & Verification Tools

- ▶ ORCAD, PROTIOUS

### Training and Workshops Attended

- ▶ One week workshop attended on embedded systems.
- ▶ Six week Industrial Training on Embedded System.
- ▶ Six Month Industrial Training on Industrial Automation.
- ▶ Two week workshop attended on Microcontroller based.
- ▶ One week workshop attended on digital image processing.

### Projects Undertaken

- ▶ **Microcontroller based Data Communication over Infra-Red rays.**

This project was developed during my B.Tech. In final semester. This was a team project during which I developed a system that was capable of transmitting a digital data or message over Infra-Red rays as a transmitting media, using a microcontroller. The project was primarily focused on serial communication of data so it covered all the basic fundamentals of IR technology and data communication protocols. During this project, I gained an In-depth knowledge of wireless communications and data transmission. This project was developed using the software tools and languages like PROTIOUS and C++.

▶ **PIC Microcontroller based Home automation using Bluetooth.**

It was a team project under which a system was developed that can control the home appliances with the help of android based application using the Bluetooth. It was developed during my industrial training which was related to the automation. As it covered home automation and triggering of 220 volts devices so during the project work, I used software's and languages like JAVA, Embedded-C and Android Studio.

**Irrigation monitoring system by Internet of Things.**

It was an Individual Project that I developed during my industrial training. In this project in order to monitor the moisture of soil and control the motor for irrigation a complete IOT based control system was developed. The main objective of this project was to measure the soil moisture value by a soil sensor and to calibrate it as per the standards. This value of moisture is then sent to the web server using a GPRS modem. From the Web Server through IOT protocols the data becomes available to the authorized user via an android App which can send a command over the IOT network to control a motor in the same farm according to the moisture requirements of the crop.

**Personal Details**

- ▶ Date of Birth:
- ▶ Marital Status:
- ▶ Languages Known: