

# Resume

**Yogiraj Sudhir Chitam**

yraj4278.newyr@gmail.com

7218256267

## Profile Summary:

- BE E&TC from Government College of Engineering and Research, Avasari Kh. in Pune University.
- Acquired fair knowledge of subjects such as Concepts of Software Engineering, Data Structures, C, C++, OOPS, Core Java, HTML, JavaScript.
- Keen interest in learning new things and have vision for future technology.
- Like finding solutions over critical and challenging problems.
- Hard working, Patient, Receptive, Good Communicator and Listener, Adaptive, Reliable, Self-Assured.

## Career Objective:

- To work in a rapidly growing organization with a dynamic and challenging environment to achieve goal of organization with my best effort.

## Skills:

- Good Analyzer and Decision Maker.
- Quick Learner.
- Problem Solver.

## Academic Projects:

### 1. Project: Multipurpose trainer circuit satisfying Network Theorems

Mini-project for sixth semester as per university curriculum. Designed power supply of 18V along with RC filter. Also designed electrical circuit for verifying the theorems. Actively led the group to complete the project. Was well accolade by teachers for the work.

#### Responsibilities :

- Circuit Designing
- Testing
- Documentation

### 2. Project: Fruit Sorting and Quality Testing Using Digital Image Processing

The project model sorts out degraded or spoiled fruits from the lot of fruits. The assembly has a plank along with IP camera assembly. The fruits are placed over the plank and get captured by camera, which provides input to the Digital Image Processing program over the computer to process the image and evaluate the quality of fruit. The assembly shifts ahead with the help of a motor and a robotic arm is used to sort the fruit and collect them in separate collectors.

#### Responsibilities :

- Coding the image processing program
- Hardware model building and simulation
- Documentation and project report creation

### Academic Qualification :

Course/Degree	College/University	Percentage
SSC	Don Bosco School, Nashik, Maharashtra State Board	83.64%
HSC (PCM)	G D Sawant Junior College, Nashik, Maharashtra State Board	69.5%
BE in Electronic & Telecommunication Engineering (2018)	Government College of Engineeri ng and Research, Avasari Khurd, Pune, Savitribai Phule Pune University	67%

### Training :

- 1) Training/Internship in Embedded Systems at CSIR - National Chemical Laboratories in Pune for three weeks from 23rd July 2018 to 10th August 2018 :
  - Theoretical and Hands on (160 Hours) experience in 8952 8-bit microcontroller.
  - Interfacing techniques using external memory, 16×2 LCD, Keyboard Matrix, Stepper Motor Controller, Opto coupler functioning, 8255 PPI.
  - Assembly language programming and writing op-codes for program execution.
  - C Programming basics.
- 2) Advanced Training/Internship on ARM Controllers at CSIR - National Chemical Laboratories in Pune for three weeks from 13th August 2018 to 31st August 2018 :
  - Theoretical and Hands on (180 Hours) experience in ARM 7 LPC2148 32-bit microcontroller.
  - Developing using Embedded C and testing GPIO for accessing 16×2 LCD, Keyboard Matrix.
  - Developing using Embedded C and testing RS232 Serial Communication protocols between data received/transmitted to/from PC and displaying it on LCD. Solving real time problems that came across during communication.
  - Programming on-chip PLL to test PLL healthy indication to go ahead and use it for operating frequency change and hence for different baud rate execution.
  - Developing using Embedded C and testing on-chip ADC for LM35 temperature sensor and transmitting the data to PC using RS232 routines developed.
  - Programming on-chip 32-bit timers for timing up to 1 second and upon overflow detection using LED blinking.
  - Basics on on-chip RTC and CAN bus communication using ARM 7 LPC2129 as it has on-chip CAN controller and LPC2148 doesn't.

Course catered 10% theory and 90% hands on.

## Activity in Technical Hobby :

### Triple-boot single laptop: Converge operating system environments together

Installed Windows 10, MacOS Sierra and Linux Kali successfully over my Dell laptop by triple booting. Partitioned the hard disk with three different file systems. Configured the BIOS setting and boot loader properly for MacOS to boot and install on my laptop and installed the boot loader over my USB drive so that system remains undetected without that USB drive and thus, prevents unauthorized system access to MacOS

Installing Windows executive file extension software in MacOS Sierra to get solutions to different sorts of user requirements in a single operating system. Using Windows software that have better performance than the corresponding equivalent software in MacOS to increase the user productivity. Successfully installed a Windows based popular game on MacOS Sierra. Currently working on installing and updating Linux packages directly using the Linux repositories, thus getting the benefits of usability of Linux over MacOS along with Windows.

### Strengths :

- Flexibility to adapt as per any requirements and situations.
- Strong determination for devising solution over problems.
- Ability to motivate and help around irrespective of workload.
- Remain calm and productive under stress.
- Patient listener and good communicator.

### Hobbies :

Singing, Photography, Jogging, Badminton and Soccer, Cyber Security, Writing Quotes.

### Areas of Interest :

- Thinking about innovation in free time.
- Getting technology updates.
- Learning about different operating systems.
- Cultivate creativity, Social Awareness.
- Explore ethical philosophy around.

### Personal Information :

- Address            FLAT NO. 10, ANUNAY SOCIETY, OPPOSITE TO MAHALAXMI SWEETS, MAHATMA NAGAR, NASHIK, MAHARASHTRA, 422007
- Date of Birth    25/05/1995

### Declaration :

Thank you for sparing your time. I hereby declare that all the details furnished here are true to the best of my knowledge and belief.

Yogiraj Sudhir Chitam