

Sneha R. Salunke

Date of Birth: 5th Aug, 1995.

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CAREER OBJECTIVE:

To work in an organization where my knowledge coupled with my skill can be best utilized and where I can make maximum use of my skill for the growth of the organization and myself.

ACADEMIC PROFILE:

📖 **B. E. (Bachelor of Engineering): Electronics and telecommunication Engineering**, from Bharati vidyapeeth's for women's, katraj pune in the academic year 2017 with 72.4%

📖 **Diploma:** From VDF School of polytechnic, latur in the academic year 2014 with 1st class with Distinction 76.91%.

📖 **10th (SSC):** From Shri marwadi rajsthan vidhyalay, latur in the academic year 2011 with 1st Class With distinction 87.82%

PROFESSIONAL TRAINING:

Post Graduated Diploma in Embedded System Design

Institute Name: VECTOR INDIA PVT, LTD, Bangalore

Duration: September 2018 to March 2019

WORK EXPERIENCE:

Previous Employer: - THINK CIRCUIT TECHNOLOGIES PVT LTD.

Duration: - 21 June 2019 to 20 Dec. 2019

Designation: -Embedded Software Developer.

Project: Air Conditioner Inverter

Research and development of inverter ac technology development of both hardware and software of outdoor unit indoor unit. An inverter AC control the speed of the compressor motor so as to regulate the temperature continuously. It is more effective and uses less power than a normal AC. The inverter Ac technology uses a variable speed compressor to save energy and power up to 50% more than a normal or non-inverter AC. It runs at the full capacity until the fixed temperature achieved and runs at part load to maintain that temperature. Overall an inverter AC maintains the room temperature very well.

Tools: Keil 5.21, HyperTerminal, Ultra serial port monitor.

Responsibility:

- Programming on embedded c (ARM).
- Testing of outdoor unit (hardware).
- Design, Develop, Test and Debug system software.
- Review code and design.
- Interface with hardware design and development.

Previous Employer: - RB ECO POWER SOLUTION LLP.

Duration: - 25 Oct 2017 to 31 May, 2018.

Designation: - Quality Engineer.

Responsibility:

- Checking direction and polarity of components.
- Checking value of component (eg .register, capacitor, and inductor).
- Checking designing of PCB.
- Checking color code of register.
- Find out fault and solve the problems.
- Give training to the employees of supplier.
- Making report of faulty cards.

ACADEMIC PROJECT:

Graduation: Main project; “wireless home automation using Wi-Fi and mobile”.

My Role: Soldering and debugging.

Description: The project is based on WIFI enable switch, Mobile, WIFI Receiver, NODE MCU Relay, Relay driver, Dimmer, Fan and light

VECTOR PROJECT:

Main project: Real Time Weather Monitoring System.

Description: The project is based on RTC, EEPROM, Temperature Sensor, ADC, LDR, and LCD. Protocols use: UART, I2C, SPI.

SKILL SET:

- Fundamentals of C programming.
- Fundamentals of C++ programming
- Data Structures
- 8051 Microcontroller
- UART,I2C,SPI,CAN Protocols
- Basic Linux
- Basic ARM

CO-CURRICULAR ACTIVITIES:

- Participated in paper presentation.
- Participated in project exhibition.
- Publish 2 IEEE paper

STRENGTH:

- Leadership.
- Innovative and creativity.
- Hardworking in quality department.
- Management.

PERSONAL DETAILS:

Languages known: Marathi, Hindi, English

Present Address: 674,31st Cross road, 4thT Block, Jaynagar, Bangalore- 560041

Permanent Address: At/Post-Walsangavi, TQ. -Nilanga, District-Latur, State-Maharashtra-413512.

DECLARATION:

I SALUNKE SNEHA RAM the above information is correct to the best of my knowledge.

Place:Bangalore

Signature: Sneha Salunke