

RESUME

POOJA SHIVAJI SAWANT

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Career Objective:

To be a part of an organization where I can fully utilize my technical skills and make a significant contribution to the success of the company and at the same time my individual growth.

Academics:

Degree	Name of the Institute	Board/ University	Year	Percentage
B.E.	Nagesh Karajagi Orchid College of Engineering and Technology, Solapur.	Solapur University	2020	80.65 %
T.E.			2018-2019	73.20%
S.E.			2017-2018	84%
Diploma	SPM Polytechnic, Solapur.	MSBTE, Mumbai University	2014-2017	86.65%
SSC	Surwase high School, Solapur.	Pune Board	2013-2014	89.80%

Technical Skills:

- Software: SQL, PostgreSQL, Eclipse, Spring Tool Suit, Visual Studio code, Node JS, Informatica.
- Languages: C, CPP, Core JAVA/Spring Boot, HTML, Bootstrap, CSS, React JS.

Projects Handled:

1)BE Project

Title: PAPR Reduction technique in OFDM using MATLAB

Duration: 6 months

- **Summary:**
In telecommunications, orthogonal frequency division multiplexing (OFDM) is a type of digital transmission and method of encoding digital data on multiple carrier frequencies. OFDM has developed into a popular scheme for wideband digital communication, used in application such as digital television and audio broadcasting, DSL internet access, wireless networks, power line networks and 4G/5G mobile communications. But OFDM has major drawback that its signal has a noise like amplitude with high peak to average ratio. The purpose of this project is to reduce the drawback of system using PAPR reduction methods. These methods are Clipping and Filtering, Selective Mapping (SLM) and Tone Reservation (TR). These methods reduce the system complexity, Bandwidth and makes system linear.
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2) TE Project

Title: Automatic Fan Control Using Temperature Sensor

Duration: 2 months

- **Summary:**

The purpose of this project is completely occupied the life style of human beings. Automatic Room Temperature Controlled Fan Speed Controller is one of them. The developed system provides an environment in which no user needed to control the fan speed. Automatically control the fan speed by sensing the room temperature. These fascinating efforts to create intelligent system are to provide human being a more convenient life. The circuit is proposed using electronic components available in local market to keep the cost at low level.

3] SE Project

Title: Regulated Power Supply

Duration: 1 Day

- **Summary:** Regulated Power Supply gives the +12 volts & -12 volts which is regulated from ac power supply of 230 volts 50 Hz.

Industrial Training:

- **Company:** Tech data, Solapur.
- **Duration:** 15 days.
- **Learnings:** I learnt basics of SQL programming, informatica design.

Co-curricular Activities:

- Got certificate of **soft skill** in NPTEL.
- Got certificate of **Problem solving C** in NPTEL.
- Got certificate of 15 days **industrial training**.
- 1st rank in **Poster presentation** in NKOCET.
- Attended one days workshop on **PCB designing** at NKOCET, Solapur.
- Attended two days workshop on '**Python**' organized by **IIT Bombay** held at NKOCET, Solapur.

Industrial visits:

Paper printing "Dainik Divya Marathi", Solapur.

Radio Station, Solapur.

Sugar Factory, Solapur.

Extra-Curricular Activities:

- Worked as volunteer of Cultural Committee of ORCHITECH 2019 in NKOCET, Solapur.
- Worked as volunteer in campus drive NKOCET, Solapur.
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Personal Profile:

- Good Team Player
 - Quick Learner
 - Self-motivated Hard worker
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Hobbies:

- Internet Surfing
- Travelling

Miscellaneous Information:

- **D.O.B.:** 21th July, 1998
- **Address:** 143, Bhopale Nagar, Majarewadi, Hotagi Road, Solapur.
- **Languages:** English, Hindi, Marathi.

Date: / /

Place: Solapur.

(Pooja Shivaji Sawant)
