

Saloni Morey

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Nagpur- India



CAREER OBJECTIVE

Highly motivated and goal-oriented Electronics and Communication Engineering (ECE) student with a strong passion for innovation and excellence. Eager to leverage my skills and expertise to drive growth, improvement, and success in a dynamic and challenging environment.

EXPERIENCE

Research Intern 26 May - 06 July

Centre for Microsystems, RCOEM, Nagpur

- Developed a compact paper-based blood parameter sensor using μ PADs and AS7341 with ESP32 for low-volume blood analysis.
- Worked on spectral data acquisition and real-time concentration estimation using Beer-Lambert principles.

Technical Blog Writer 03 Feb - 03 April

CodeWithCurious.com

- Published technical blogs on Java projects at CodeWithCurious.com, a renowned online platform for coding enthusiasts.
- Demonstrated expertise in Java programming and technical writing

National Youth Day Head

Red Ribbon Club, Rcoem

- Worked as Core Committee Member and execute events like blood donation and health checkup camp

EDUCATION

B. Tech in Electronics and Communication and
AIML(Minor)

Shri Ramdeobaba College of Engineering and Management

12/2021 - Present Nagpur
CGPA :- 8.92

Class 12th in Science

Inspire Junior College

2020-2022 Chandrapur
Percentage: 82.00%

SOFT SKILLS

Leadership

Communication Skills

Teamwork

Adaptability

CERTIFICATION

VLSI For Beginners - NIELT

Embedded For Beginners- NIELT

Networking basics - Cisco Networking Academy

SKILLS

Programming Languages:

Java Python Verilog Embedded C

Concepts

OOPs DSA Computer Network

Tools & Platforms:

Arduino IDE VS Code Keil Proteus

Web Technologies:

HTML CSS JavaScript

PROJECTS

Smart Cart with Automatic Billing

Built a Smart Cart using ESP32, RFID, OLED/LCD displays, and button controls for automatic item detection and billing. Implemented a real-time web interface with item tracking, add/remove functionality. Ensured smooth hardware-software integration using I2C, WebServer.h, and U8g2 library for a seamless user experience.

Time Delay Using 555 IC

Designed and built a delay timer circuit using 555 timer IC, enabling precise control over timing sequences for various applications.

Portfolio Website

Created a personal website to display resume, experience and projects.
Technologies: HTML, CSS, JavaScript

KEY ACHIEVEMENTS

5-star coder in Java