



# SANKET BAJRANG THORAT

Walchand College of Engineering, Sangli (India)

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## Education

Program	Institution/Board	%/CGPA	Year
<i>B.Tech.</i> (Electronics Engineering)	Walchand College of Engineering Sangli, Maharashtra	8.76/10	2020-2024
<i>Higher Secondary School Education</i>	G.A. Highschool & Junior College Sangli, Maharashtra	86.62%	2019-2020
<i>Secondary School Education</i>	Appasaheb Birnale Public School (CBSE) Sangli, Maharashtra	95.20%	2018

## Work Experience

### 1. Software Intern at Whirlpool Corporation

(Jan 2024 - June 2024)

- Hardware-In-Loop Testing [ETAS, SpeedGoat] using C#
- PIL and SIL Testing (MATLAB Simulink, SpeedGoat)
- Software Automation using C#
- Software Verification & Validation
- Keyword Driven Automation
- Manual & Automated Test Script execution.

**Key Learnings** - C#, HIL, PIL, Agile Development, Speedgoat, Matlab, Visual Studio, GIT.

## Key Projects

### 1. SYSTEM AND METHOD FOR MONITORING SAFE HANDLING OF

#### VALUABLES AND THEIR SECURITY

(Nov 2021 - May 2022)

(Internship Project at NIRBHI TECHNO LLP)

Sangli

- This was an internship project consisting of a team of 4 members including me. The task was to build a security system device that could be used to carry/transport valuables by keeping the live track of the device from point of arrival to the place of departure using IoT cloud.
- Components:** Fingerprint sensor, Load Cell, ESP32 CAM Module, DHT-11 Temp & Humidity sensor, GPS-GSM Module.

### 2. Stock Market Dashboard using Python

(May 2023)

(Self-Made Project)

It is a Software project that uses Streamlit. Streamlit is an open-source app framework in Python Language.

Without need of Html/Css/Javascript, I have built a website that displays the real time stock market dashboard of both Indian as well as US stock market with proper tabular data.

**Requirements:** Python, Streamlit web application, Yahoo Finance python module.

### 3. IoT Based Smart Electric Energy Meter

(Feb-May 2023)

(B.Tech / Guide: Prof. S.G. Tamhankar)

WCE Sangli

- Developed an **innovative Electric meter** with advanced features such as **Real time monitoring, Notification on excess consumption of electricity** and compatible in the future to the smart Electric grid environment.

**Components:** SCT-013 Current Sensor, ZMPT101B Voltage sensor, Blynk IoT Application, load.

## Technical Skills

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- **Languages:** C, C++, C#, Python, Java, Embedded C
- **Database System:** MySQL ([Intermediate](#))
- **Html/CSS/JavaScript**
- **DSA, Embedded Systems, Digital Electronics**
- **Electronics Softwares:** Arduino, Proteus, Xilinx, Keil uVision, Matlab, Simulink.
- **Tools:** Latex, Microsoft Office
- **Operating System** - Windows, Linux
- **Cloud Computing** - AWS (Basics)
- **Version Control System** - GIT
- **IDE** – VS Code, Visual Studio

## Course Work

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- Data Structure and Algorithm
- Database Management System
- Object Oriented Programming
- Machine Learning

## Soft Skills

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- Team Player
- Critical Thinking
- Punctuality
- Leadership

## Positions of Responsibility

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- **Chief Alumni Relation Officer & Social Media Manager at ELESa**  
Part of Chief Board at ELESa club. Managed all Social media handles of Club as well as organized Alumni reconnect sessions. WCE Sangli (Jan 2023-June 2023)
- **Joint Social Media Manager at ELESa**  
Part of Joint Board at ELESa club. Managed all Social media handles of Club.  
WCE Sangli (June 2022-Dec 2022)
- **Assistant SMM** at ELESa, Electronics Department, WCE Sangli (April 2021).
- Held the position of **Education Minister & English-Speaking Minister** at School Parliament.  
Appasaheb Birnale Public School (2015-17)

## Achievements/Awards

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### 1. Organizing and Conducting Events

- Organized International level Mega Event Electrovert 2022.
- Organized as well as participated at Grand Level Robotic event Roboholic 2023.
- Organized Business Event Galactic Ventures at Electrovert 2022.

### 2. Sports and Cultural

- Runner-up at Annual Futsal Tournament 2022-23.
- **AIR-2** Liberty English Olympiad.
- 3 times Gold Medalist of Akhil Bharatiya Hindi Olympiad (2014-16).
- Multiple time winner of various National Olympiad exams.

## Others

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- **Hobbies:** Sports, Mythology.
- **Language:** English, Hindi, Marathi

## Declaration

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I do hereby declare that all the details furnished above are true to the best of my knowledge and belief.