SANKET BAJRANG THORAT

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Education

Program	Institution/Board	%/CGPA	Year
B.Tech. (Electronics Engineering)	Walchand College of Engineering Sangli, Maharashtra	**8.76/10**	**2020-2024**
Higher Secondary School Education	G.A. Highschool & Junior College *Sangli, Maharashtra*	**86.62%**	**2019-2020**
Secondary School Education	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 (Link)*   **(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, ESP32 CAM Module, DHT-11 Temp & Humidity sensor, GPS-GSM Module.*

2. **Stock Market Dashboard using Python** (https://mystockmarket.streamlit.app/)   **(May 2023)**
    (Self-Made Project)
    *This project is a **Stock Dashboard** built using **Streamlit**, which allows users to visualize stock data. It integrates **Yahoo Finance** to display price trends, calculate annual returns, standard deviation, and risk-adjusted returns. Additionally, it fetches **fundamental data** (balance sheet, income statement, and cash flow) using **Alpha Vantage** and displays the latest stock-related news with sentiment analysis via the **StockNews API**. The dashboard offers interactive visualizations and insights for any chosen stock symbol.*
    Requirements : *Python, Streamlit, Yahoo Finance (yfinance), Alpha Vantage API, StockNews API, Plotly, Pandas, NumPy*

3. *IoT Based Smart Electric Energy Meter* *(Link)*   **(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

- **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

Certificates

[Click here to look at my certificates](#)

Course Work

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

Soft Skills

- Team Player
- Critical Thinking
- Punctuality
- Leadership

Positions of Responsibility

- 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

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

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

Declaration

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