

Siddhesh Bhanudas Dangade

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Summary

A tech enthusiast with expertise in cloud computing, embedded systems, and EV technology. Upskilling in cloud and EV battery specialist at Tata IIS. Skilled in networking, communication protocols, and hardware integration, with a passion for innovation and smart solutions.

Internship

- Cyber Success, Pune, QA Engineer (completed): January 23, 2024 to July 31, 2024 [Certificate]

Education

Dr. Babasaheb Ambedkar Technological University Sept. 2021 - July 2024

B-Tech in Electronics and Telecommunication

- GPA: 7.87/10 (Provisional Certificate)

Dr. Babasaheb Ambedkar Technological University Sept. 2018 - July 2021

Diploma in Electronics and Telecommunication

- GPA: 9.80/10 (Degree Certificate)

Industrial Training

Sudarshan Industries Limited, Roha 05.09.2023 to 30.09.2023

- Detailed and documented values and performance metrics monitored using SCADA tools to ensure optimal system functionality.

Laxmi Organic Industries Limited, Mahad 21.09.2022 to 07.10.2022

- Assisted in the configuration and updating of PLC (Programmable Logic Controller) programs under senior supervision

Projects

Enhancing Solar Panel Efficiency Using Thermoelectric Module Feb 2024

Final Year Project, *Under guidance of*, Prof. Roshan Bonde

Railway Platform Safety System Sep 2023

Mini Project, *Under guidance of*, Prof. Tejas Mahagaonkar

Skills

Cloud Fundamentals Badges

- Completed Google Cloud Skill Badges showcasing proficiency in GCP infrastructure, networking, security, and serverless technologies (Credly Verified)

Web Designing Portfolio

- Built dynamic and graphically rich websites using Next.js, Tailwind CSS, Framer Motion, Lottie animations, and Vercel deployment.

Embedded and Hardware Github Repo

- Hands-on experience in designing and implementing embedded systems using microcontrollers (Arduino, ESP32), sensor integration, SCADA monitoring, and real-time data acquisition.
- I2C, SPI, UART, MQTT, KiCad, Proteus, MATLAB, Simulink, Arduino, ESP32, PCB prototyping, hardware debugging, and deploying IoT-based solutions