

TANMAY SAXENA

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Tanmay Saxena

Tanmay-Saxena10

Education

MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

B.Tech. in Electronics and Communication Engineering

October. 2021 – August 2024

CGPA - 8.9

State Board of Technical Education and Training

Diploma in Electronics and Communication Engineering

August. 2018 – June 2021

PERCENTAGE - 90

Technical Skills

Languages : C++, HTML, CSS, JavaScript, SQL

Developer Tools / Software : VS Code, My Sql workbench, MATLAB

Technologies/Frameworks : GitHub, OpenCV, Git

Problem Solving : Project management, Public Speaking, Team work and Collaboration

Experience

NTPC Ltd.

07/2022 - 08/2022

Control and Instrumentation Department

LINK : **Certificate**

- Seeking complete knowledge of electricity generation 660MW, including how turbines work and electricity is distributed.
- Developed proficiency in instrument calibration, ensuring accurate data collection and control system performance.
- Also gain some knowledge about DCS and SCADA, assisting in their operation and maintenance
- Worked closely with team members and control operators, contributing to a collaborative and efficient work environment.

Codsoft

08/2023 - 09/2023

Web Development Intern

- Integrated third-party APIs and conducted thorough debugging, resulting in a bug-free and efficient application with improved performance
- Successfully completed task and also learnt some prominent web technology.

Projects

Drinking-water-reminder / HTML, CSS, Java Script

- This website is designed to help users stay hydrated
- Implemented responsive design for optimal user experience across devices.

Prime Shop: Your Ultimate Online Retail Destination / HTML, CSS

- Display a list of products with images, names, and prices.
- Add and Remove products from the shopping cart.

Driver Drowsiness detection / Open CV, Numpy, Mediapipe, Dlib

- Develop a simple solution for avoiding the problem of road accident due to drowsiness.
- Made use of Imutils, Dlib For facial landmark detection to calculate EAR Ratio.
- It's a preventive safety solution that uses Pygame as an alarm mechanism to notify drivers when they exhibit symptoms of fatigue or drowsy.

Achievements/ Hackathons

- Secured 1st position in B.tech Academic yr (2021 - 2022)
- Hacktoberfest 2022 (10/2022)
- TOP-10 Finalist at Hack-A-Miner Hackathon Google Developer Student Club (GDSC) **Verify**
- Runner up in HACKEDCODE
- Cleared Round 1 of Flipcart Grid 4.0 Tech Quiz
- Successfully Organized a Alumni Meetup

Leadership / Extracurricular

ROTRACT REFINES

June 2022 – Aug 2023

SRGT AT ARMS - Core Member

Verify

- Led chapter of 20+ members to work towards goals that improve and promote community service, academics, and unity.
- Managed multiple projects including cleanliness and plantation drives, food, sanitary pad, and clothing donations, and curated content to raise awareness on issues like menstrual health and gender equality

IEEE MSIT

Volunteering

Member

MSIT

- Organized a Technical Event over 500 students.
- Conduct webinars on Open-Source contribution for students