

# Sourab M Kalliyann

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## Education

- National Institute of Technology, Calicut – B. Tech (EEE) | **CGPA: 6.21** | Dec 2021 – May 2025
- Govt. Higher Secondary School, East Hill (PCMB) | **Percentage: 90.3** | June 2018 – March 2020
- Govt. Higher Secondary School, Karaparamba | **Percentage: 98.9** | June 2017 – March 2018

## Experience

### Executive Member & Social Media Head | IEEE SB NITC | January 2024 – Present

- Managed a team of junior executives, coordinating social media event planning and design tasks.
- Contributed creative ideas for IEEE SB NITC events and outreach programs.
- Executed social media campaigns to enhance the organization’s online presence.

### Joint Secretary | EDS IEEE SB NITC | January 2023 – January 2024

- Organized and conducted several events for EDS.
- Contributed to a project for a solar-powered digital hub at Anakkampoyil, Kerala.

### Head of Design | Tathva NIT Calicut | August 2023 – January 2024

- Led the design team in conceptualizing and creating visual materials for various projects and events.
- Managed design workflows, from initial concept to final execution, optimizing efficiency and creativity.
- Mentored junior designers, fostering a collaborative and innovative design culture.

## Achievements

- Top 8%** Globally on **Try Hack Me**
- Top 100** in **India**, April 2023 on **Try Hack Me**

## Skills

**Languages:** Python, SQL, Bash

**Technologies & Tools:** Linux/Unix, Tkinter, Lambda, Pandas, SQL, Kali Linux, Adobe Photoshop, Figma, Cisco Packet Tracer, MATLAB

**Others:** Data Structure, Algorithms, Graphic Designing, Network Simulation

## Projects

Project Name	Description
Multi Robot System (On-Going)	Developing a multi-robot system using ROS Foxy and Gazebo. Responsibilities include middleware programming, system integration, and real-time code implementation for mobile manipulator systems.
Boost Converter Design	Designed and implemented a Boost Converter circuit to efficiently convert a 15 V DC input to a stable 20 V DC output, achieving a power delivery of 20 watts. Demonstrated practical skills in power electronics and circuit design. <a href="#">(Report)</a> <b>Tools &amp; Technologies used:</b> MATLAB&Simulink, Arduino UNO

<b>MAC Address Changer</b>	Created a command-line utility for changing NIC MAC addresses to enhance privacy and security. <b>Tools &amp; Technologies used:</b> Python, CLI, ( <a href="#">Github</a> )
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## Certifications

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- **Joy of Computing Using Python** by NPTEL | Percentage: 80 | ([Link](#))
- **Foundations of Cyber Security** by Coursera | ([Link](#))
- **Introduction to Cyber Security** by Try Hack Me | ([Link](#))
- **Pre-Security** by Try Hack Me | ([Link](#))
- **Artificial Intelligence** by AICAN Automate & Teach Nook | ([Link](#))
- **Ethical Hacking Certificates** by Udemy | ([Certificate 1](#), [Certificate 2](#))