

SAYAN GHOSH

3rd Year EEE Undergraduate

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Bengaluru, India

<https://github.com/Sayan-Ghosh>

EDUCATION

B.Tech in Electrical and Electronics Engineering

BMS Institute of Technology, Bengaluru

August 2018 – Present CGPA - 8.13/10.0 (Upto 4th Sem)

KV Command Hospital (Class XII CBSE)

Kolkata

July 2015 – May 2017 Percentage - 82.4%

KV Command Hospital (Class X CBSE)

Kolkata

April 2004 – May 2015 10 CGPA

PROJECTS

Sorting Visualizer

March 2020

- Created a web application using HTML/CSS/JS which visualizes 5 different sorting algorithms. Link - <https://sayan-ghosh-sortviz.netlify.app/>

P2P Video Chat Application

April 2020

- Developed an web app for video chatting using webRTC, NodeJS, PeerJS, Express and Socket.io. Link - <https://sayanp2pvideochat.herokuapp.com>

Currency Converter

March 2021

- Made a currency converter web application using HTML, CSS, Javascript and used Exchange-Rate-API. It converts currency in real time using the API. Link - <https://sayan-ghosh.github.io/Currency-Converter/>

IoT based Home Automation System

June 2019

- A simple home automation system using NodeMCU, 4V Relay, IFTTT and Google Assistant. It works on the voice commands given through Google Assistant which turns ON/OFF the appliances.

Transformer less power supply

Oct 2020 - Dec 2020

- A research project to measure the output load current and voltage across resistance using various capacitors in our proposed circuit diagram. We found out that our circuit can easily replace traditional transformer for applications which require current below 500mA.

Portfolio Website

Jan 2020

- Portfolio website made using HTML, CSS and Javascript using particleJS. Link - <https://sayan-ghosh.github.io/resume/>

SKILLS

C++ NodeJS Java JavaScript

SQL Git Python Flutter

FIELD OF INTEREST

- Web Development
- App Development
- Computer Networks

ACHIEVEMENTS

- Reached final round of Uber Hack-Tag hackathon. Came in top 152 teams out of 24373 teams in India.
- 1st prize for best project in Project based learning in 2nd semester.
- 3rd rank in college coding competition HACKSLASH organised by BMSIT coding club.
- Udacity Facebook Secure and Private AI Challenge scholarship recipient.

EXTRA-CURRICULAR

Alumni Manager

Alumni Association of BMSITM :

<https://alumni.bmsit.ac.in/>

Feb 2020 – Dec 2020

Student Secretary

Alumni Association of BMSITM

August 2019 - Dec 2020

Production team contributor

TEDx BMSITM

Feb 2020

Campus Ambassador

Tryst IIT Delhi

Jan 2019 – April 2019