

Shovik Poddar

4th Year (B.Tech)
Electronics & Communication Engineering
Institute of Engineering & Management,
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Links

Portfolio: [shovik.netlify.app](#)
Github: [@shovikGod](#)
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Education

2019-2023
B.TECH IN ECE
IEM, Kolkata
CGPA: 9.39 (Current)

2018-2017
ISC
St. Joseph's College, Kolkata
Percentage: 83.8%

2016-2015
ICSE
St. Joseph's College, Kolkata
Percentage: 88.5%

Skills

PROGRAMMING LANGUAGES
C, C++, Python
TECH STACK
MERN
DATABASES
MongoDB, SQL
OTHERS
MatLab, LTSpice, Git

Coursework

CORE SUBJECTS
Analog & Digital Communication
Control Systems
COMPUTER PROFICIENCY
Operating Systems
Computer Networks

Experience

SEPT 2021 - PRESENT **Keysight Technologies** Intern

- Writing and debugging automation scripts for testing 802.1AS-2020 on different DUTs to follow standards followed by IEEE and AVNU.
- Giving batch runs and analysing results.
- Setting up test harness and basic DUT configurations.

Python, Wireshark, IxNetwork

FEB 2022 - PRESENT **E-Cell, IEM Kolkata** Junior Researcher

- Worked on Driver Antisleep Alert System
- Worked on MQTT protocol to make a master-slave model with drone and quadraped bot, also worked on a small image processing part related to the project.

Arduino, ESP32

SEPT 2021 - MAY 2022 **MinD Webs Ventures** Web Developer Intern

- Worked on an server-side rendered website. Added new features to existing projects. Rigorously worked on integrating APIs.
- Worked on an internal task management project in collaboration with different universities around the world.

MERN Stack, Typescript, AntDesign

MAY 2021 - MAR 2022 **IEM - IEDC** Junior Researcher

- Worked Decentralised Dropbox.
- Worked on creating event websites.

MERN stack, ESP32

FEB 2021 - JUN 2021 **Upraised** Web Developer Intern

- Created an exam portal with auto proctoring feature.
- Replicated Figma designs to websites.
- Integrated back-end APIs.

MERN Stack, Figma, Web Sockets

Achievements

2021 **India International Science Festival 2021** Top 50
2022 **e-Yantra, IIT-Bombay** 8th in Final

Projects

2021 **Decentralised Dropbox** Blockchain, Web3JS, Solidity
A Decentralised clone of the Dropbox, which uses IPFS for storing our files. TruffleJS and GanacheJS were used to make this project.

2022 **Driver Antisleep Alert System** Arduino
A simple alarm system to prevent drivers from falling asleep during long drives.