

SHIVAM MAHENDRU

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Academic Qualifications:

- **Bachelor in Computer Applications (BCA)** from GRAPHIC ERA DEEMED TO BE UNIVERSITY (2022-Present) (**8.7 SGPA**).
- **CBSE BOARD** - Class 12th (2021-22) (**81.1%**)
- **CBSE BOARD**- Class 10th (2019-20) (**87.8%**)

Technical Experience Summary:

Programming Language	Java, Python, JavaScript, SQL, C++, C#
Technologies	Flask ,Computer vision , NodeJS, Java Swing, MySQL, Firebase ,Arduino ,Web development, .net Framework, Android development, Rest API, AWS, Pandas, mediapipe

Work Experience:

- **Web and Design Head At Papertechy Startup** (October 2024 – current)
- **Geeks for Geeks Internship(Remote)** (April 2024 - October 2024) : Technical content writer at GeeksForGeeks . Wrote articles about Computer vision, JDBC, ER diagram and helped over 20k developers.

Key Projects:

Project Name : **Autonomous robot car for warehousing and dark store management**

Technologies Used : ESP-32, Arduino, Flask, Cloud, Android, ngrok

Description : This project tries to improve operational efficiency and speed of delivery of orders through the use of iot robot car. This smart car operates autonomously on receiving orders and handling them in large quick commerce warehouses which will reduce the labour cost in dark stores, increase order delivery time and reduce human errors.

Project Name : **Smart Attendance portal-Full stack Web application**

Technologies used : Python, Flask, MySQL, face recognition, Ajax.

Description : End to end full stack web app using Flask with mysql with the purpose of doing live attendance of classes using face recognition. Educational institutes waste a lot of student's precious time in taking student's attendance, to automate this process i created personalized portal for teachers where they can manage all their class related data and directly take attendance saving time and effort.

Project Name : **IOT based fleet management system (Team project)**

Technologies Used : Arduino, Flask, Flutter, LoRa WAN, neo 6m GPS, REST API, ngrok.

Description : Me and my team developed an IOT based solution for vehicles fleet tracking with LoRa WAN technology, where the user can track their vehicle fleet with click of a button from our flutter mobile app. My role was to lead the team and develop the arduino based hardware which communicated with Satellites via GPS and GNSS and write the backend Flask server API which handles the HTTP requests from the user and provide location.

Additional projects – Bank desktop app ,Group chat java swing, Web Scraping, Face detection and IOT automation projects .

Achievements:

- Solved 250+ DSA Problems on leetcode.
- Helped 50k+ fellow developers through my GeeksForGeeks articles.
- Won 1st position in 2 hackathons as Leader.
- Led my team in 40+ hackathons in Smart India hackathon, VIT Vellore, DU and more
- Club head of Papertech club of my college.

Links:

- **Linkden:** www.linkedin.com/in/shivam-mahendru-5b212b203
- **GitHub:** <https://github.com/shhhivam12>
- **GeeksForGeeks:** <https://www.geeksforgeeks.org/user/shhhivam12/>