



# Kshitij M Gajbhiye

Roll No.:220108076

B.Tech - Electronics and Electrical Engineering

Indian Institute Of Technology, Guwahati

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Github | Portfolio | LinkedIn

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.28 (Current)	2022-Present
Senior Secondary	CBSE Board	96.6%	2022
Secondary	CBSE Board	95.2%	2020

## PROJECTS

### • Memories Website

Self Project

May. 2024

Github , Website

- Created Fullstack Memories Website where user can leave there memories.
- **Technologies Used:** The Frontend is build using **ReactJs**, **Tailwind CSS** and **Material UI**. Used **Redux** toolkit for state management. Used **NodeJs** and **Express** for backend and **MongoDB** for database management.
- **Features:** Pagination, adding Comments, Searching memories, Authentication using **jwtDecode** and **Google OAuth**, liking, deleting and editing memories.

### • Robotics 102 Course Website

Robotics Club, IIT Guwahati

May 2024 - Ongoing

Github , Website

- The website was created with a primary intention of providing various robotics related courses like IOT, ROS, OpenCV, Fusion 360 etc.
- **Technologies Used:** The website is build using **ReactJs** and **Tailwind CSS**.
- **Features:** Smooth Transitioning. Youtube API for fetching the video titles.

### • Currency Converter Extension

Self Project

June. 2024

Github

- Developed a **MANIFEST V3** Chrome extension to convert currencies into native currency.
- Utilised **ExchangeRate API** to fetch latest exchange rates and performed DOM manipulation to display converted prices.

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript
- **Web Technologies:** HTML, CSS, Tailwind CSS\* , React, NodeJs\*, ExpressJs\*
- **Database Management:** SQL, MongoDB\*
- **Operating System:** Windows, Linux\*
- **Miscellaneous:** GIT, Fusion 360, Arduino\*

\* Elementary proficiency

## KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus, Differential Equations
- **Computer Science:** Introduction to Computing
- **Electronics Core:** Digital Electronics, Signals and Systems

## ACHIEVEMENTS

- **Inter IIT Tech Meet 12.0:** Secured **2nd position** in low prep Product Design Challenge among **22 IITs**. 2023
- **Branch Change:** Changed Department from **Mechanical Engineering** to **Electronics and Electrical Engineering**. Among top **10%** students in branch. 2023
- **Kriti:** Secured **2nd position** in the **Buggy Escapade PS** at the Inter-Hostel Technical Competition. 2024
- **JEE Advanced:** Secured AIR **4524** among **0.15 million** candidates 2022
- **JEE Mains:** Secured AIR **6729** among **1.1 million** candidates 2022
- **CGPET:** Secured **4th** rank in state PET. Topped in District. 2022

## POSITIONS OF RESPONSIBILITY

- **Web Development Head:** Robotics Club, IIT Guwahati

Apr. 2024 - Ongoing

## EXTRA-CURRICULARS

- **Organiser:** Organised Track Titans Buggy Racing Event under Techniche, Technical Fest of IITG.
- **Nationals:** Participated in **State** and **National** Level Lawn Tennis Competition. Secured **1st position** in 17-th State level Lawn Tennis tournament.