

Abhinav Upadhyay

abhinavUpadhyay.com
abhinavupadhyay822@gmail.com | 8876694247

EDUCATION

TEZPUR UNIVERSITY
BTECH IN ELECTRONICS AND
COMMUNICATION
CGPA: 8.05 / 10 (Present)
2021-2025

KENDRIYA VIDYALAYA NO. 4
Tezpur, Assam, India
CBSE Class XII
PCM with Computer Science
Percentage: 93.6%
2021
CBSE Class X
Percentage: 96.6%
2019

LINKS

[GitHub](#)
[LeetCode](#)
[LinkedIn](#)
[Twitter](#)

COURSEWORK

UNDERGRADUATE
Computer Networks
Data Structure & Algorithm
Design & Analysis of Algorithm
Digital System Design
Microprocessor & Microcontroller
Object Oriented Programming
Operating Systems

SKILLS

Programming Languages
C
Java
JavaScript
• HTML • CSS

Tools & Frameworks
Bootstrap
React
Android Studio
• NodeJs • NextJs

EXPERIENCE

GOOGLE DEVELOPER STUDENT CLUBS | LEAD
July 2023 - Present | Tezpur University

VRIXAALABS | INTERN

May 2023 – July 2023 | Assam, India

- Developed a simulation tool for microprocessor lab experiments.
- Designed a circuit for memory interfacing using the 8085 Microprocessor and integrated additional components.
- Established circuit connections for the simulation tool.
- Utilized Figma software to design and create components for the project.

RESEARCH

NEURAL ENGINEERING LAB | PROJECT INTERN

Android Development | Java

June 2023 – Present | IIT Guwahati

- Worked with **Prof. Cota Navin Gupta** to develop a specialized application that converts audio from a particular source into waveform representation.
- Created an app that generates continuous-time graphs, accurately displaying time and amplitude axes for the audio waveform.
- Demonstrated expertise in audio processing and visualization, ensuring precise and clear representations of audio data.

PROJECTS

TO-DO LIST | REACTJS

GitHub

- A to-do list application that allows users to create, edit, and delete tasks, as well as delete all tasks at once. The application is user-friendly and responsive, making it easy for users to manage their daily tasks.
- One of the standout features of the application is its ability to store tasks as local storage. This means that even if the user closes the application or refreshes the page, their tasks will be saved and accessible the next time they use the application.

TECHVERSE | HTML,CSS

GitHub

- TechVerse is a website which acts as a tech superstore. It contains products in different sections of gadgets like Laptop, Smart-Phone etc.
- The website shows some latest products and then redirects you to a link with a greater number of products to select from.
- Deployed on GitHub pages via GitHub actions.

POSITION OF RESPONSIBILITY

NATIONAL SERVICE SCHEME | MEMBER

Nov 2021 - May 2023 | Tezpur University