

NOVANEEL MANDAL

Tezpur, Assam

+91 7005662021

✉ novaneel2802@gmail.com

in [LinkedIn](#)

GitHub

EDUCATION

National Institute of Technology, Arunachal Pradesh

2020 – 2024 (Expected)

Bachelor of Technology in Computer Science Engineering

CGPA: 8.17

Vivekananda Kendra Vidyalaya, Itanagar

2018 – 2020

Class XII (CBSE)

Aggregate: 86%

Vivekananda Kendra Vidyalaya, Itanagar

2016 – 2018

Class X (CBSE)

Aggregate: 86.2%

EXPERIENCE

Full Stack Web Developer Intern

2023

Exposys Data Lab

- Implemented a mass mail dispatcher website using HTML, CSS, JavaScript, and Bootstrap, increasing client communication.
- The website automates email validation, distinguishing valid from invalid entries, saving up to 85% of time, boosting accuracy by 90%, and enhancing productivity by 75%.

Audio Classification Intern

2022

Delhi Technological University

- Engineered a sophisticated audio feature extraction model using Python libraries such as librosa and keras, achieving a remarkable accuracy of 90% in classifying sound events across a diverse dataset of 10,000 audio samples..
- Trained and validated models to identify distinct sounds, improving classification efficiency by 20%.

Full Stack Web Development Intern

2022

Solar Secure Solutions

- Developed 5+ websites using HTML, CSS, JavaScript, Node.js, and MySQL.
- Implemented responsive web designs using Bootstrap and Bulma, resulting in a 40% increase in user engagement metrics across platforms and a 30% decrease in page load times, enhancing overall user experience.

PROJECTS

Detection and Classification Approach for DDoS Attack

2024

- A machine learning model to detect and classify DDoS attack methods, making it 45% easier to detect the attack.
- Integrated the model with a responsive website to ensure easier access.

Dog Breed Identification Model

2023

- Implemented a machine learning model to identify dog breeds from images using transfer learning.
- Using Transfer Learning to increase the Accuracy upto 92% and efficiency of the model.

Official Website of ADDOVEDI'22

2022

- Developed the Official Addovedi 2022 webpage with detailed event info and a user-friendly interface, boosting online event participation by 25%.
- Ensured comprehensive accessibility and functionality through modern web technologies for seamless event management and participant engagement.

POSITION OF RESPONSIBILITY

- Event Coordinator, ADDOVEDI College Technical Fest (2022)
- Event Coordinator, ATULYAM College Cultural Fest (2023)
- Artist Manager, ATULYAM College Cultural Fest (2023)
- Founder and Ex-president, AKALPANA College Photography Club (2022-2023)
- Head Organizer of Photography Competitions (2022-2023)

TECHNICAL SKILLS

Languages

C, C++, HTML, CSS, JavaScript, Python

Web Development

HTML, CSS, Bootstrap, MERN, Tailwind CSS, ChakraUI

Developer Tools

Git, Github, VS Code, Firebase

Others

DSA, OOP, DBMS, OS, CN

COURSES TAKEN

Full Stack Web Developer Bootcamp

- Learned and implemented basic web development technologies including HTML, CSS, JS, Express.js, and Node.js.

Machine Learning Bootcamp

- Learned and implemented basic machine learning and deep learning technologies including data analysis, processing, model creation, and evaluation.

Front-End Development Course

- Learned and implemented front-end focused technologies such as Bootstrap, Angular, React.js, and Node.js.
- Built multiple projects to improve Skills.