

Work Experience

J.P. Morgan Software Engineering Virtual Experience on Forage - January 2024

- Utilise JPMorgan Chase's open-source library, Perspective, to generate live graphs.
- Present data feeds in a clear and visually appealing manner for traders to monitor effectively.

INTERN AT BHARAT ELECTRONICS LIMITED, GHAZIABAD

11-JUNE TO 8-AUG-2024

- Designed a QPSK modulation circuit for efficient signal transmission and a high-precision sampler for reliable communication in low SNR environments.

Skills

Language/Tools: Java, C, Javascript, Git, Data Structure and Algorithm, Matlab, SPICE.

Frontend/Backend: HTML, CSS, TailwindCSS, React.JS, Next.JS, Express.JS, MongoDB, Node.JS, Docker, MySQL

Soft skills: Leadership, Teamwork, Time management

Platform/Cloud: Windows, Linux, AWS

Education

NIT Arunachal Pradesh

Itanagar, Arunachal Pradesh, India

Bachelors of Electronics and Communication Engineering

2021-2025

Kendriya Vidyalaya

Itanagar, Arunachal Pradesh, India

Higher Secondary-PCM

2018-2020

PROJECTS

CHATING

[Source code](#)

- ❖ Developed CHAT web application that allows users to connect and communicate in a chat room environment.
- ❖ HTML/CSS used as a frontend and Node.js, socket.IO and express.js are used as a server and backend.

Video Chatting Web Application

[Source code](#)

- ❖ Developed VIDEO-CHATTING web application WEBRTC-based video application that allows users to establish real-time video and audio communication in web browsers.
- ❖ HTML/CSS javascript are used as a frontend Node.js, socket.IO and express.js and Docker are used as a server and backend.

Tweet Stream

[Source code](#)

- ❖ Build a Full-Stack Tweekstream from Scratch using next.js, node.js.
- ❖ Implemented a user-Authentication, authorization and a real-time updates.
- ❖ Deployed the application in AWS LAMBDA.

ACHIEVEMENTS / CO-CURRICULAR ACTIVITIES

- NCC Cadet (B certificate holder)
- Participated in a Smart India Hackathon.
- Participated in the Flipkart-Grid Hackathon.