ANNAY SAXENA

+91 9119737920 · annay.ece.21@nitap.ac.in · LinkedIn · GitHub · Portfolio

EDUCATION

National Institute of Technology
B.Tech in Electronics and Communication Engineering
CGPA: 7.80 (Current)

Jote, Arunachal Pradesh, India
2021 – 2025

City Public School
Intermediate - CBSE Board
Percentage: 92.8%

Bareilly, Uttar Pradesh, India
2020

WORK EXPERIENCE

Bharat Sanchar Nigam Limited
Trainee

Civil Lines, Bareilly, UP, India
December 2023-January 2024

Completed a six-week industrial training at BSNL, gaining hands-on experience in telecommunication technologies, mobile communication systems, and network management.

Oasis Infobyte
Web Development Intern

Satya Niketan, South West New Delhi, India
January 2023-February 2023

Focused on HTML, CSS, and JavaScript, I learn how to design and build interactive and visually appealing websites through hands-on project work.

NIT Arunachal Pradesh
Research Intern
VLSI Chip Designing

Jote, Arunachal Pradesh, India
February 2023-March 2023

PROJECTS

Virtual Paint Application using Python *GitHub*

Developed a real-time virtual painting application using OpenCV and MediaPipe to track hand landmarks for gesture-based drawing. Enabled color selection, drawing, and canvas clearing using only fingertip movements captured via webcam.

Professional Portfolio Website *GitHub*

Developed a responsive personal portfolio using HTML, CSS, and JavaScript. Showcases my background, skills, education, and projects with smooth navigation, interactive design, resume download, and contact form for professional outreach in a clean, user-friendly layout.

To-Do Web App *GitHub*

Developed a dynamic and interactive ToDo web application using HTML, CSS, and JavaScript. Implemented features such as adding, editing, and deleting tasks, with persistent data storage using localStorage. Designed a user-friendly interface with responsive design principles.

SKILLS

Programming: C, C++ , Python, HTML, CSS, JavaScript, React,DSA
Languages: C, C++, Python, JavaScript
Coursework: Data Structure and Algorithms, Database and management System(DBMS), MySQL, Operating System,Computer Networks, Digital Logic and design, Information Theory and Coding, Microprocessor, Microcontrollers, Digital Signal Processing , VLSI, etc.
Laboratory Techniques: Arm Keil, Ltspice, Icarus Verilog, Matlab, Arduino ,Raspberry pi
Tools: Github, Visual Studio, Adobe Premiere Pro, Canva

POSITIONS OF RESPONSIBILITY

- **Facilitator:** Melange Literary Club
- **Coordinator:** Addovedi, Atulyam, Hindi Pakhwada
- **Volunteer:** Mess Committee