AYUSH TIWARI

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EDUCATION

National Institute of Technology, Silchar — Assam, India
Bachelor of Technology - Electronics & Communication Engineering; CGPA: 8.85 — *December 2021 - June 2025*

Sunbeam Academy Samneghat, Varanasi — Varanasi, India
HSC ; Percentage: 95 — *May 2019 - June 2021*

St. Joseph's Convent School, Shivpur-Varanasi — Varanasi, India
SSC ; Percentage: 95.2 — *April 2017 - June 2019*

INTERNSHIP EXPERIENCE

Satyendra Nath Bose Summer Internship — **E-Vote**
FullStack Web Developer (Full-time) — *June 2024 - July 2024*

- **Developed** a full-stack online voting system using the MERN stack, facilitating secure and transparent elections with role-based access for **1000+** users, including admins and voters. The platform allows users to view elections, vote for their preferred candidates, and submit queries directly through the interface.
- **Implemented** JWT-based authentication to ensure secure access control, **created** dynamic candidate and election management features for admins, and integrated real-time voting updates visible to admin. Optimized image storage and delivery using **Cloudinary**, resulting in performance improvements of up to **25%**.
- **Tech Stack -** Tailwind CSS, ReactJs, Node.js, ExpressJs, MongoDB, Cloudinary, & Git.

PROJECTS

TNPC (Training and Placement Cell Website) — February 2024 - April 2024

- **Built** a full-stack MERN website for TNPC, connecting **800+ students** annually across branches with role-based access for job applications, training, and events.
- **Developed** admin features to manage job postings and applications, training courses, and events.
- **Implemented** real-time placement stats for the last 5 years in graphs, comparing eligible students vs. offers made, and year-wise gender-ratio comparison of registrations with branch-wise placement stats.
- **Optimized** image handling with **Cloudinary**, reducing load times by **25%** and enhancing efficiency. Displayed key placement stats on the home page.
- **Tech Stack -** Tailwind CSS, ReactJs, Node.js, ExpressJs, MongoDB, Cloudinary, & Git.

TasteVerse — October 2023 - December 2023

- **Implemented** a role-based CLI interface in C++ using OOP concepts, allowing **100+** customers and chefs to interact with the system.
- **Developed** functionalities for customers to view, delete, and add new menu items to a list saved in a file, with real-time updates reflected in the menu.
- **Enabled** customers to select categories and items, specify quantities, and generate accurate bills, improving order processing efficiency by **30%**.
- **Tech Stack -** C++, OOPs Concepts, File Handling, & Git.

SKILLS

- **Languages and Tools**: C++, JavaScript, SQL, MYSQL, GIT, GitHub
- **Hard Skills**: DSA and OOPs in C++, OS, DBMS
- **Web Devlopment**: HTML, CSS, Tailwind CSS, Bootstrap, React Js, Node Js, Express Js, MongoDB
- **Soft Skills**: Teamwork and Leadership, Problem-Solving, Effective Communication, Time Management

POSITION OF RESPONSIBILTY

NE Y20 Conclave, NIT Silchar — August 2023
Core Member, Infra Management Team

- **Executed** a holistic event management strategy, optimizing logistics and participant engagement.
- **Spearheaded** a remarkable **20%** surge in participant attendance in the events.

HONORS AND AWARDS

- **Solved 750+** DSA problems across different platforms, including **LeetCode**, **GeeksforGeeks (GFG)**, and **CodeChef**.
- **Earned** a **1700+** rating on **LeetCode**, **4-star** on **GFG**, and **3-star** on **CodeChef**, demonstrating strong proficiency in Data Structures and Algorithms.
- **Ranked 4th** in the **KIMO Quiz Competition** at college, showcasing excellence in competitions.

EXTRACURRICULAR ACTIVITIES

- **Volunteered** for over **1.5 years** with **NSS NIT Silchar**, contributing to community service and social initiatives, and served as **Co-Head of the Web Development Team**.
- Core contributor to a 4-member **Robo-War bot Development** team at **Tecnoesis 2023, NITS.**