

AYUSH TIWARI


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EDUCATION

- **National Institute of Technology, Silchar** Assam, India
Bachelor of Technology - Electronics & Communication Engineering; CGPA: 9.08 December 2021 - June 2025
- **Sunbeam Academy Samneghat, Varanasi** Uttar Pradesh, India
HSC ; Percentage: 95 May 2019 - June 2021
- **St. Joseph's Convent School, Shivpur-Varanasi** Uttar Pradesh, India
SSC ; Percentage: 95.8 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 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 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 **20%**.
 - **Tech Stack** - Tailwind CSS, React JS, Node JS, Express JS, MongoDB, Cloudinary & Git.

PROJECTS

- **TNPC (Training and Placement Cell Website)**  February 2024 - April 2024
 - Built a **full-stack MERN** website for TNPC, connecting students across branches with role-based access for job applications, training, and events.
 - Devised 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 **20%** and enhancing efficiency. Displayed key placement stats on the home page.
 - **Tech Stack** - Tailwind CSS, React JS, Node JS, Express JS, MongoDB, Cloudinary & Git.
- **TasteVerse**  October 2023 - December 2023
 - Implemented a role-based **CLI interface** in C++ using OOP concepts, allowing customers and chefs to interact with the system.
 - Introduced 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.
 - **Tech Stack** - C++, OOPs Concepts, File Handling & Git.

SKILLS

- **Languages and Tools:** C++, JavaScript, SQL, MYSQL, AWS, GIT, GitHub
- **Hard Skills:** Data Structures and Algorithms and OOPs in C++, Operating System(OS), Database Management System(DBMS)
- **Web Development:** HTML, CSS, Tailwind CSS, Bootstrap, React JS, Node JS, Express JS, MongoDB
- **Soft Skills:** Teamwork and Leadership, Problem identification and resolution, Effective Communication, Planning and organization

HONORS AND AWARDS

- **Solved 800+** DSA problems across different platforms, including **LeetCode**, **GeeksforGeeks (GFG)**, and **CodeChef**.
- **Earned a 1775+** 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.

OTHER INTERESTS/EXTRACURRICULAR ACTIVITIES

- **Core Member, Infra Management Team** for **North East Y20 Conclave 2024, NIT Silchar**: Executed a holistic event management strategy, optimizing logistics and participant engagement.
- Core contributor to a 4-member **Robo-War bot Development** team during **Tecnoesis 2022** at **NIT Silchar**.
- **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**
- **Extracurricular Interests:** Playing Cricket and Carrom.