

## EDUCATION

- **Class X CBSE**  
Delhi Public School, Paradip  
Refinery, Odisha 2021  
Overall Percentage: 98.8%
- **Class XII CBSE**  
Delhi Public School, Paradip  
Refinery, Odisha 2023  
Overall Percentage: 86.4%
- **B.Tech CSE CORE**  
4<sup>th</sup> Semester, VIT  
Chennai,  
Chennai, Tamil Nadu 2025  
Overall CGPA: 7.87

## TECHNICAL SKILLS

- C, C++, Java, Python
- HTML, CSS, JS, React
- Microsoft Office

## INTERPERSONAL SKILLS

- Teamwork
- Problem-solving
- Critical-thinking
- Time-management
- Creativity
- Communication

# AYUSH RANJAN OJHA

## Computer Science Undergraduate

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## PROFILE

Pre-final year Computer Science undergraduate passionate about frontend development and building clean, responsive web interfaces. I've contributed to several real-world and club-based projects, handling the frontend of applications with a focus on usability and performance. Academically focused on core CS subjects like data structures, algorithms, operating systems, and database systems, and eager to explore domains like cloud computing. I enjoy learning through hands-on work and aim to grow as a developer by combining strong fundamentals with practical experience.

## WORK EXPERIENCE

**Member – Web Development Department**  
Robotics Club, VIT Chennai  
Chennai, Tamil Nadu | 2025 - Present

- Actively involved in learning frontend design principles using Figma, focusing on UI/UX for upcoming club projects.
- Collaborating with the club's tech team to gain hands-on exposure to real-time web development workflows.
- Aspiring to contribute to future web projects of the club with a keen focus on design and user experience.

**Event Coordinator & Creative Contributor**  
Kalinga Jyoti Club, VIT Chennai Chennai,  
Tamil Nadu | 2023 – Present

- Wrote scripts and performed in themed role plays and skits, contributing to the club's creative and cultural initiatives.
- Supported the smooth execution of events by assisting in planning, logistics, and coordination with team members.
- Gained valuable organizational experience and team collaboration skills through regular involvement in event management.

## PROJECTS

**Zomato Landing Page Clone:**

- Designed a pixel-perfect static landing page inspired by Zomato using Figma for layout planning
- Focused on **frontend part**, replicating visual elements, typography, and responsiveness to match the original site design.

**Personal Portfolio Website:**

- Developed a responsive **portfolio site** to showcase my work and skills, built with modern UI practices.
- Includes interactive sections like **About Me, Projects, Services**, and **Contact**, integrated with anchor links and dynamic content.

**RespiGuard AI: AI-Powered Respiratory Health Monitoring for NALCO Bauxite Mines:**

- Deep learning-based project using YOLOv5 architecture for early detection of respiratory diseases in mine workers.
- Allows chest X-ray report uploads to detect conditions like Aortic Enlargement, Atelectasis, Pleural Effusion, Pleural Thickening and Pulmonary Fibrosis.
- Protects workers in hazardous mining environments and provides real-time health analytics to mine management.