

# AYUSH BARDHAN TRIPATHY

[ayushbardhan5@gmail.com](mailto:ayushbardhan5@gmail.com) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | +918895818077

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering**  
Veer Surendra Sai University of Technology, Odisha

CGPA: 9.21 (upto 5th Semester)  
2023 – 2027

## SKILLS SUMMARY

**Languages:** JavaScript, Node.js, C, C++, Python, HTML/CSS  
**Frameworks:** React, Next.js, Tailwind, FastAPI, Express, React Redux  
**Developer Tools:** Bash, Vim, Git, GitHub, Linux, VSCode, Figma, Lighthouse  
**Databases:** MySQL, MongoDB, SQLite  
**Coursework:** Data Structure and Algorithms, OOPS In C++, Database Engineering

## EXPERIENCE

**Intern at R&S Wing, PXE** June 2025 - July 2025  
*Defense Research & Development Organisation (DRDO)* *Chandipur, Odisha*

- Worked on development of surveillance system for selecting the most optimal target/threat.
- Used technologies like Python and Flask to operate the algorithm in backend and HTML, CSS and Chart.js for radar simulator frontend.
- Actively participated in research and study of surveillance system and radar systems.

**Full Stack Web Development Intern** December 2024 - January 2025  
*FurSphere* *Sambalpur, Odisha*

- Developed web applications using Next.js, Tailwind CSS and MUI, reducing development turnaround by ~20%.
- Implemented 20+ React components, PWA features and Lighthouse-driven performance improvements, achieving 95+ scores in performance, accessibility and best practices.
- Contributed to codebase structure, reusable components, and documentation, laying the groundwork for future scalability

**Junior Associate (Tech)** April 2024 - Present  
*Entrepreneurship Cell, VSSUT* *Sambalpur, Odisha*

- Actively volunteered and participated in the management and execution of events like E-Summit and Chai Pe Charcha Ep. 02, organized by the Entrepreneurship Cell.
- Developed and maintained frontend components using React, enhancing E-Cell's digital presence and increasing monthly site views by 35%.

## PROJECTS

**E-Summit Website** [Link](#)  

- Designed and developed a complete website for E-Summit 2025, the flagship entrepreneurship event of E-Cell.
- Used Next.js and Tailwind with components to develop a complete website with animations, Server Side Routing (SSR), dynamic page generation and video content.
- Optimized responsiveness and SEO using Lighthouse audits, achieving 92 performance and accessibility scores.

**Learniverse** [Link](#) [Source](#)  

- Developed during Techtronix Hackathon, contributing to a collaborative team project.
- Built CRUD APIs with FastAPI (Python) and integrated an SQLite database for efficient data storage.
- Contributed to frontend UI in React.js by designing a user-friendly interface.

**Iceage Static Site Generator** [NPM](#) [Source](#)  

- Created a lightweight static site generator in Node.js, simplifying static website development.
- Integrated Liquid.js templating for flexible and reusable HTML layouts.
- Published as an open-source NPM package (50+ downloads), making it accessible to the wider developer community.

## ACHIEVEMENTS

- Awarded first position in Global Innovation Drive (GID) 5.0 at Bhubaneswar for startup idea pitching in group.
- Participated in Code for Good 2025 Hackathon organized by JP Morgan Chase & Co at Mumbai.
- Secured first position at Buildathon, organised by Silicon Institute of Technology (SIT), Bhubaneswar.

## CERTIFICATIONS

- Web Development Training from Internshala Trainings [Link](#) [NSDC Certificate](#)
- Back End Development and APIs from freeCodeCamp. [Link](#)
- JavaScript Algorithms and Data Structures from freeCodeCamp. [Link](#)