

# AYUSH SINGH

Vellore, Tamil Nadu, India | +91 78230 67468 | ayushsingh280305@gmail.com | [LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [Portfolio](#)

## SUMMARY

---

Motivated software developer with a strong foundation in C++, JavaScript, and Python. Experienced in developing and testing scalable applications through academic projects and hackathons. Seeking an entry-level software development role to apply my technical skills and problem-solving abilities.

### TECHNICAL SKILLS:

- Programming Languages :- C++, Java, Python.
- Web Development :- HTML5, CSS3, JavaScript, Bootstrap.
- Database Management :- MySQL.
- Soft Skills :- Communication, Problem Solving, Adaptability, Leadership.
- Tools :- Figma, Git, Github, Microsoft Office, Linux, StarUML.
- Core Concepts :- Data Structures and Algorithms, Object Oriented Programming, OS, DBMS, Gen AI.

## PROJECTS

---

### NEXUS

- **Collaborative** platform connecting students for effective lost and found and matching by shared skills.
- Led **UI/UX** design and frontend development using Figma, HTML5, CSS3. [Deployed Link](#)

### Hepatitis B Feature Selection

- Applied **Spider Monkey Optimization (SMO)** for feature selection in Hepatitis B dataset.
- Improved model performance using SVM and Decision Tree classifiers.

### Youtube UI Clone

- Developed a responsive clone of YouTube's frontend using HTML5 and CSS3.
- Recreated core UI components including navbar, sidebar, video thumbnails grid, and search interface.
- Implemented functionality to flag fake channels to prevent impersonation. [Github Link](#)

## EXPERIENCE

---

### **Simpsoft Solutions Pvt. Ltd.**

*SDE Intern*

Kolkata, West Bengal  
MAY 2025 – JUN 2025

- Engineered a Kotlin based note-making application, implementing features like CRUD operations and offline support.
- Developed a dynamic UI for a file synchronization system, visualizing real-time sync states using status indicators.
- Contributed to agile sprints and cross-functional collaboration, actively involved in code reviews, feature planning, and debugging recognized for strong performance and offered a PPO for delivering high-impact, maintainable code.

### **National Cadet Corps**

*Cadet*

Vellore, Tamil Nadu, India  
OCT 2022 – MAR 2025

- Received foundational military training and discipline and completed NCC 'C' certificate with A grade.
- Led as Camp Senior and Platoon Commander, managing team dynamics and strategizing successful outcomes.
- Organized community service initiatives including blood donation camps and teaching underprivileged children.

## EDUCATION

---

### **VELLORE INSTITUTE OF TECHNOLOGY, VELLORE**

Bachelor of Technology in Computer Science

2022 - 2026  
CGPA :- **9.21**

### **KENDRIYA VIDYALAYA - 3 9BRD, PUNE**

XII

2022  
**92.8 %**

### **KENDRIYA VIDYALAYA - 3 9BRD, PUNE**

X

2020  
**94.4 %**

**INTERESTS** :- Trekking, Basketball, Badminton, Calisthenics, Chess.