

AYUSH SINGH

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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, Figma.
- Database Management :- MySQL.
- Soft Skills :- Communication, Problem Solving, Adaptability, Leadership.
- Tools :- 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 by shared skills.
- Led **UI/UX** design and frontend development using Figma.
- Facilitated a feature for efficient lost-and-found item tracking among students.

[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.
- Used **Python** and **scikit-learn** for implementation and evaluation.

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](#)

LEADERSHIP EXPERIENCE

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 :- **9.22**

KENDRIYA VIDYALAYA - 39BRD, PUNE

XII

2022

92.8 %

KENDRIYA VIDYALAYA - 39BRD, PUNE

X

2020

94.4 %

CERTIFICATIONS

Career Essentials in Generative AI by Microsoft and LinkedIn.

[Certificate](#)

Python (Basic) by HackerRank

[Certificate](#)

Knight Badge in LeetCode (Rating 1800+)

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