Yash Jha

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PERSONAL OVERVIEW

Passionate and adaptable software developer focused on building efficient, user-friendly solutions. Solved over 900 programming problems across platforms, demonstrating strong problem-solving skills, adaptability, and a commitment to continuous learning.

EDUCATION

JSS Academy of Technical Education, Noida   Aug 2022 – May 2026

Bachelor of Technology in Computer Science

- GPA: 7.8/10
- **Relevant Coursework:** Data Structures and Algorithms (DSA), Computational Theory, Cybersecurity, Web Development, Computer Architecture, Machine Learning, Computer Networks

EXPERIENCE

Programmer, Nibble Computer Society — JSSATE, Noida, UP   June 2022 – May 2025

- Organized coding contests, boosting society participation by **30%**.
- Engineered a command-line test case generator using the **m1993 random seed generator** and AI-powered randomization, improving deployment speed by **60%**.

COURSES & CERTIFICATIONS

- **Striver – Take You Forward – DSA Course** (Jan 2023) — Mastered advanced Data Structures and Algorithms concepts through 800+ coding problems in C++.
- **Introduction to Python** — Infosys Springboard (Aug 2024) — Learned control structures, data handling, and libraries such as Pandas and NumPy.
- **Complete Ethical Hacking with Case Studies** — Infosys Springboard (Aug 2024)
- **Algorithmic Trading** — Udemy (July 2025)

PROJECTS

Chef-OutTheBox — github.com/5ku11Cru5h3r/Chef-OutOftheBox

- Developed a **smart recipe generator** that curates dishes from available ingredients for personalized dining.
- Tools: Hugging Face (Mistral API), React JS, HTML, CSS, GSAP

DDoS Protection System — https://github.com/5ku11Cru5h3r/ADDAPT

- Built a DDoS prevention system using **C++** and Apache HTTP Server, mitigating **90%** of simulated attack requests.
- Tools: C++, Linux, Apache, Google Cloud Console

Command-line Test Case Generator — github.com/5ku11Cru5h3r/CODEPAD2024

- Created a CLI tool to automate competitive programming test case generation, reducing debugging time.

Gamified Learning Platform — (Repository Lost)

- Designed an RPG-style educational platform integrating game mechanics to promote learning.

TECHNOLOGIES

- **Programming Languages:** C++, C, Python, SQL, JavaScript, GDScript
- **Web Development:** HTML, CSS, ReactJS, NextJS, GSAP
- **Frameworks & Tools:** Apache HTTP Server, Arch Linux, Kali Linux, Git, LaTeX

ACHIEVEMENTS

- **ACM ICPC Regionalist, Amritapuri** (Dec 2024) — Selected for regionals, showcasing competitive programming expertise.
- **Hack and Chill 1.0 — GDSC ADIGPS** (Mar–Apr 2024) — Ranked in the **Top 12** among 50+ teams.
- **ACPC 2K24 — ABES Engineering College** (Sept 2024) — Placed **48th** in an all-India coding contest.
- **H7CTF at H7Tex** (2024) — Ranked **7th globally** among 1500+ teams in a Capture The Flag cybersecurity challenge.