Harsh Kumar

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SUMMARY

Computer Science student with core foundation in data structures and problem solving. Experienced in implementing algorithms, developing academic projects, and analyzing data with a focus on learning new technologies.

TECHNICAL SKILLS

Programming Languages: JAVA

Frameworks: Spring Boot

Libraries: JavaFX

PROJECTS

Visualization of Algorithms — Jan 2025 – Present
DSA and Front-End Based Project — *JAVA , Spring Boot*
- Developed an interactive tool demonstrating how DSA algorithms work step-by-step
- Used JavaFX for the GUI to display the visualization
- Implement visualizations for some algorithms such as Bubble Sort, Merge Sort, Dijkstra's Algorithm, and BFS/DFS

ACHIEVEMENTS

Tech Zephyr Contest — Oct 2025
Unstop — *Online Mode*
- Translated complex algorithmic logic into robust, passing code
- Utilized core Java libraries to solve complex problems

EDUCATION

VIT Bhopal University — Madhya Pradesh, INDIA
BTech. in Computer Science and Engineering, CGPA:7.81 — *Sept 2023 – Present*

Himalyan Residential School — Bihar, INDIA
XIIth - 76 — *May 2020 – April 2022*

Don Bosco Academy — Bihar, INDIA
Xth - 92 — *April,2020*

CERTIFICATIONS

- AWS Technical Essentials - AWS Skill Builder
- AWS Certified Cloud Practitioner (CLF-C02-English)