

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 , MATLAB

Frameworks: Spring Boot

Libraries: JavaFX

PROJECTS

Visualization of Algorithms

DSA and Front-End Based Project

Jan 2025 – Present

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

Unstop

Oct 2025

Online Mode

- Translated complex algorithmic logic into robust, passing code
- Utilized core Java libraries to solve complex problems

EDUCATION

VIT Bhopal University

BTech. in Computer Science and Engineering, CGPA:7.81

Madhya Pradesh, INDIA

Sept 2023 – Present

Himalyan Residential School

Science Stream - 76

Bihar, INDIA

May 2020 – April 2022

Don Bosco Academy

Xth - 92

Bihar, INDIA

April,2020

CERTIFICATIONS

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