TUSHAR RAMAN

Roorkee, Uttarakhand – 247667

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Professional Summary

Entry-level Software Engineer with strong knowledge of Java, Data Structures, DBMS, and OOP principles. Hands-on experience through academic projects and a keen interest in backend development. Seeking an opportunity to apply problem-solving skills and grow in a professional software development environment.

Education

Kamla Nehru Institute of Technology　　　　　　　　　　　**Expected Jul 2026**
Master of Computer Applications (MCA)　　　　　　　　　　　*Uttar Pradesh, India*

Sri Dev Suman University, Badshahitohol　　　　　　　　　　　**Oct 2023**
B.Sc. in Information Technology — 70%　　　　　　　　　　　*Uttarakhand, India*

Doon Public Senior Secondary School, Roorkee　　　　　　　　　　　**2019**
Class XII — 50%　　　　　　　　　　　*Uttarakhand, India*

Doon Public Senior Secondary School, Roorkee　　　　　　　　　　　**2017**
Class X — CGPA: 6.5　　　　　　　　　　　*Uttarakhand, India*

Skills

Programming Languages: Java, C, Python, JavaScript, HTML, CSS

Frameworks & Tools: React, Spring Boot, Swing, AWT, Git, GitHub

Core Concepts: Data Structures & Algorithms, OOP, Operating Systems, Computer Networks

Soft Skills: Problem Solving, Team Collaboration, Time Management

Projects

Binary Search Tree GUI　　　　　　　　　　　**Aug 2025**
GitHub Repository　　　　　　　　　　　*Java, Swing, AWT*
- Developed a GUI application to visualize Binary Search Tree operations such as insertion, deletion, and traversal.
- Implemented interactive components using Java Swing and AWT.
- Improved conceptual understanding through real-time node visualization.

Portfolio Website　　　　　　　　　　　**Dec 2025**
GitHub Repository　　　　　　　　　　　*HTML, CSS, JavaScript*
- Designed and developed a responsive personal portfolio website to showcase skills and projects.
- Implemented clean UI using HTML, CSS, and vanilla JavaScript.
- Deployed using GitHub Pages with mobile-responsive layout.

Certifications

HackerRank Java Certification

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Purvanchal Tech ideaTHON 2K25 — Participated in a technology innovation and idea presentation competition