

Divyanshu Singh Bisht

Computer Science Undergraduate | Aspiring Software Developer
Bachelor of Science in Computer Science
VIT Bhopal University

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•Bachelor of Science in Computer Science

Sept 2023 – Present

VIT Bhopal University, Bhopal, MP, India

CGPA: 8.55

•XII - Higher Secondary Education

April 2021 – June 2022

GTB Public School, Meerut, UP, India

88%

PERSONAL PROJECTS

•File Compression Tool Development

Developed using Java, HTML/CSS, Spring Boot, MySQL with advanced DSA techniques.

- Leveraged Huffman coding algorithm achieving 40% compression ratio with 100% data accuracy
- Optimized for handling large files efficiently with minimal computational overhead
- Implemented encoding, decoding, and error detection mechanisms for enhanced reliability
- Technology Used: Java, HTML/CSS, Spring Boot, MySQL, Git

•Hiking Tour Simulator

Java-based simulation modeling a family hiking tour with participants and gear management.

- Applied object-oriented programming concepts including inheritance, abstraction, and interfaces
- Modeled real-world scenarios with Participant and Guide roles carrying different gear in backpacks
- Implemented comprehensive family hiking tour simulation with role-based functionality
- Technology Used: Core Java, Object-Oriented Programming, GitHub

EXPERIENCE

•Student Coordinator - Pahadi Club

Jan 2024 – Present

Cultural Events Organization and Management

VIT Bhopal University

- Organized and managed cultural events celebrating Pahadi community heritage
- Successfully led events like KOUTHUK 1.0 with smooth execution and participant engagement
- Strategic planning and collaboration with stakeholders to foster vibrant university community
- Effective team coordination and leadership in event management

•Design Lead - Fintech Club

Jan 2024 – Present

Creative Design and Team Leadership

VIT Bhopal University

- Spearheaded design team increasing event participation by 25%
- Led workshops and collaborated with cross-functional teams
- Implemented streamlined event designs and creative asset development
- Successfully managed and executed two major events during college fest

TECHNICAL SKILLS AND INTERESTS

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

Core Concepts : Data Structures & Algorithms (DSA), Operating Systems (OS), Database Management (DBMS), Object Oriented Programming (OOP)

Databases: SQL, PL/SQL

Tools: Git, GitLab, Visual Studio Code, Figma, Canva

Areas of Interest: Software Development, Problem Solving, System Design

Soft Skills: Leadership, Team Coordination, Strategic Planning, Event Management

CERTIFICATIONS & ACHIEVEMENTS

•Certifications:

- Fundamentals of AI and ML - Vityarthi & VIT Bhopal University
- MATLAB Onramp - MathWorks Training Services

•Key Achievements:

- Solved 300+ coding problems: 200+ on LeetCode (Rating: 1479), 150+ on GeeksforGeeks (Rating: 1642)
- Earned 100 Days of Coding Badge for consistent problem-solving practice
- Shortlisted 3 times for Service Selection Board (SSB) interviews for Indian Army and Navy
- Designed pass-scanning system for 2,000+ student passes showcasing technical expertise
- Successfully led 500+ student team for NSS-organized plantation drive