

Vishalakshi Kumari

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Education

Kalinga Institute of Industrial Technology, Bhubaneswar 2022 - 2026

Bachelor of Technology in Computer Science and Engineering

- CGPA: 8.74/10
- **Coursework:** Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management, Software Engineering, Artificial Intelligence

Delhi Public School, Ranchi 2022

Class XII: Physics, Chemistry, Mathematics

- Percentage: 83.83%

Kairali School, Ranchi 2020

Class X

- Percentage: 93.16%

Technical Skills

Languages: Java, Python, JavaScript, HTML, CSS, C++ (basics)

Libraries: NumPy, Pandas, Matplotlib, Scikit-learn, @hello-pangea/dnd

Frameworks: React, Next.js, Flask

Databases: MySQL, MongoDB

Developer Tools: VS Code, Eclipse, Google Collaboration, Git, GitHub, JIRA, Command Prompt

Core Competencies: Data Structures and Algorithms, Object-Oriented Programming, Database Management, Software Engineering, Operating Systems, RESTful APIs, Design Patterns

Projects

PrepBloom – AI-Powered Mock Interview Platform

[Code](#) [PrepBloom](#)

- Developed an interactive platform simulating real-time interviews using Next.js and Gemini AI. Applied object-oriented design and modular architecture for scalability and maintainability.
- Integrated Clerk for secure authentication and Drizzle ORM with PostgreSQL for efficient data handling. Focused on performance optimization and secure coding practices.
- **Technologies:** Next.js, React, Gemini AI, Clerk, Drizzle ORM, PostgreSQL, Tailwind CSS

Taskella – The Blossom Dashboard

[Code](#) [Taskella](#)

- Developed a floral-themed Kanban dashboard visualizing tasks as seeds bloom in flowers across workflow stages, creating an engaging and user-friendly interface.
- Designed efficient data structures and algorithms for fast task filtering and smooth drag-and-drop interactions. Unit testing was implemented to ensure software quality, scalability, and maintainability.
- **Technologies:** React, @hello-pangea/dnd, Tailwind CSS, JavaScript

Coding Profiles

- **LeetCode:** leetcode.com/u/vishuuuu902 (150+ problems solved)
- **HackerRank:** hackerrank.com/profile/vishuuuu902
- **GitHub:** github.com/vishalakshi-9