

Pavitra Pandey

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Rae Bareilly, Uttar Pradesh, India

Education

Feroze Gandhi Institute of Engineering and Technology
Bachelor of Technology in Computer Science

Rae Bareilly, India
Expected: May 2026

Projects

Chat Application

Spring Boot, React.js, MongoDB

- Developed real-time chat app with secure user authentication and end-to-end encryption.
- Optimized MongoDB queries, achieving 40% faster message delivery.
- Implemented session management to handle 100+ concurrent users.

N-Queen Visualizer

HTML, CSS, JavaScript, DSA

- Built an interactive web-based tool to visualize N-Queens backtracking algorithm for $n = 1$ to 10.
- Strengthened core DSA concepts including recursion, backtracking, and constraint satisfaction.
- Deployed the project using Vercel: (Try it here)

Music Application

HTML, CSS, JavaScript

- Built a responsive web app with dynamic playlists and personalized recommendations.
- Increased active user engagement by 30% and retention by 25%.

Achievements

- Solved 150+ Data Structures and Algorithms problems on LeetCode.
- Regular participant in online coding contests (CodeChef, Codeforces).

Skills

Languages: Java, Python, JavaScript
Web: REST APIs, Spring Boot, React.js, Tailwind CSS
Database: MySQL, MongoDB
Tools: Git, GitHub, IntelliJ, Postman

Coursework

Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Web Technologies

Coding Profiles

- **LeetCode:** leetcode.com/pavitrampandey (200+ problems solved)