

Udit Pratap Singh

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EDUCATION

GL Bajaj Institute of Technology and Management <i>B.Tech in Computer Science & Engineering; CGPA - 8.13</i>	U.P, India 2022 – 2026
St. Joseph's English Medium School <i>Intermediate - 87%</i>	2021
St. Joseph's English Medium School <i>High School - 90.2%</i>	2019

TECHNICAL SKILLS

- **Programming Languages:** Java, C, C++, Python
- **Core:** OOP, Data Structures and Algorithms
- **Database Management:** MySQL(SQL), MongoDB
- **Familiar With:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- **Tools:** Version Control (Git and GitHub), Postman, Visual Studio Code

PROJECTS

Smart AI Interview Preparation App [\[Live Demo\]](#) [\[GitHub\]](#)

- Built a MERN stack app using Gemini API to generate personalized technical Q&A for interview prep.
- Features include JWT authentication, role-based question generation, and AI-based explanations.
- Integrated pinning and dynamic explanation generation for enhanced usability.
- Designed with Tailwind CSS and implemented Accordion UI for clean content presentation.
- **Stack:** MongoDB, Express.js, React.js, Node.js, Gemini API, Tailwind CSS

Expense Tracker Application [\[Live Demo\]](#) [\[GitHub\]](#)

- Developed a full-stack MERN app with a budgeting system and data visualization.
- Implemented secure JWT authentication, a full CRUD API, and server-side filtering, sorting, & pagination.
- Designed a responsive dashboard with React, Tailwind CSS, and Chart.js for an interactive user experience.
- **Stack:** React, Node.js, Express, MongoDB, JWT, Tailwind CSS, Vite

AI-Powered Code Reviewer [\[Live Demo\]](#) [\[GitHub\]](#)

- Developed an AI-integrated platform to review and improve user-submitted code snippets.
- Frontend handles syntax highlighting, error feedback, and code formatting.
- Used OpenAI/Gemini APIs on the backend to detect errors and recommend best practices.
- **Stack:** MongoDB, Express, React, Node.js, Gemini API

ACHIEVEMENTS

- Solved 300+ problems on LeetCode.
- 5 Star on HackerRank.
- Achieved peak ratings of 1450 on LeetCode and 1300+ on CodeChef in programming contests.
- *The Complete Full-Stack Web Development Bootcamp* - Udemy [\[Certificate\]](#)
- *SQL (Intermediate)* - HackerRank [\[Certificate\]](#)

CODING PROFILES

 LeetCode	 GeeksforGeeks
 CodeChef	 HackerRank