



Ravi Parihar

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EDUCATION

Bachelor of Technology Computer Science & Engineering

- Graphic Era Hill University, Bhimtal, Uttarakhand [CGPA :7.7/10] | Expected June 2026
- **Relevant Coursework:** Operating System, Machine Learning, Software Engineering, Computer Network, Database Management System, Data Structure and Algorithms

PROJECTS

Personal Portfolio | Html, CSS, JavaScript

Jul 2023

- Built a fully responsive personal portfolio website to showcase projects, skills, and achievements.
- Implemented smooth navigation and mobile-friendly design using Flexbox/Grid and media queries.

BaatCheet: Chat Application | MongoDB, Express.js, React.js, Node.js

May 2024

- Developed a real-time chat app with secure **JWT authentication**, online user status, and responsive UI (**Tailwind CSS**).
- implemented efficient global state management and robust error handling across frontend and backend.

PyLite Compiler: | Python, C, lex, Yacc

May,2025

- Designed a compiler supporting **lexical, syntax, and semantic analysis** with AST and symbol table generation.
- Implemented intermediate code optimization and an **interactive GUI** for execution.

CodeCollab - Real-Time Collaborative Code Editor | TypeScript + JSX/TSX, Node.js, SQL

Oct,2025

- full-stack, real-time collaborative code editing platform enabling multiple developers to work simultaneously with advanced permission management and live synchronization.
- live chat and voice messaging features using modern web technologies to enhance remote team collaboration and communication efficiency.

Achievement

- full stack, solved 400+ DSA problems on LeetCode and GeeksforGeeks, strengthening algorithmic and problem-solving skills
- Authored explanations for coding problems, achieving 62,000+ views and helping peers understand solutions. full stack
- I led a team project, demonstrating leadership, collaboration, and technical execution.

TECHNICAL SKILLS

Languages: C, C++, Python, Java, JavaScript, HTML5, CSS3

Frameworks /Libraries /: React.js, Next.js Tkinter, Lex, Yacc, Node.js, Express.js, Socket.io, Tailwind CSS, Zustand, MongoDB

Databases / Cloud: MongoDB, MySQL

Soft Skills: Management, Problem Solving, Teamwork, Communication

AWARDS & CERTIFICATIONS

- The Cybersecurity Thread Landscape Certification: LinkedIn
- *Artificial Intelligence with Python Certification: Great Learning*
- *Fundamentals of Artificial Intelligence by NPTEL Certification: NPTEL*