



Ravi Parihar

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EDUCATION

Graphic era Hill University, Bhimtal

Dec 2022 – Present

B. Tech in Computer Science and Engineering - **CGPA : 7.4 (Ongoing)**

3rd year

PERSONAL PROJECTS

Personal Portfolio  | Html,Css,JavaScript


Jul 2023

- Designed and developed a fully responsive personal portfolio website to showcase projects, skills, and achievements.
- Implemented smooth navigation, modern layout, and mobile-friendly design using Flexbox/Grid and media queries.
- Integrated project previews with live demo links and GitHub repositories.

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

May 2024

- Real-time Messaging: Instant communication using Socket.io.
- User Authentication & Authorization: Secure login and signup with JWT.
- Online User Status: View active users in real-time.
- Responsive Design: Mobile-friendly interface with Tailwind CSS and Daisy UI.
- Global State Management: Efficient state handling using Zustand.
- Error Handling: Robust error management on both client and server sides.

PyLite Compiler:  | Python, C, lex, Yacc

May,2025

- **Lexical Analysis:** Converts source code into tokens using Lex.
- **Syntax Analysis:** Builds an Abstract Syntax Tree (AST) using Yacc.
- **Semantic Analysis:** Performs type checking and builds a symbol table.
- **Intermediate Code Generation (ICG):** Converts source into intermediate representations.
- **Code Optimization:** Enhances performance through optimized intermediate code.
- **Graphical User Interface:** Built with Tkinter for a clean and interactive experience.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript,

Frameworks: React.js, Next.js

Cloud/Databases: MongoDB, MySQL

Other Tools: Redux, Tailwind CSS

Areas of Interest: Web Development in MERN stack, Deep Learning, LLMs

Soft Skills: Management, Problem Solving, Teamwork, Communication

AWARDS & CERTIFICATIONS

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