KARUNA BISHNOI

Jodhpur, Rajasthan India - 342802

📞 +91-9509696516 ✉ bt22cs026@nitmz.ac.in </> Portfolio 🔗 Linkedin Github </> LeetCode </> Geeksforgeeks

EDUCATION:

National Institute of Technology (NIT), Mizoram   **2022 - 2026**
B.Tech in Computer Science & Engineering   *7.75/10 CGPA*

EXPERIENCE:

Research Intern – AI/ML   **December 2024 - January 2025**
IIT Guwahati   *On-Site · Internship*

- Conducted research in image processing using Python, PyTorch, and OpenCV.
- Developed object recognition and motion tracking algorithms for real-time multimedia systems.
- Collaborated on improving system accuracy and analytics performance.

AI/ML Intern – Generative AI   **December 2024 - January 2025**
Nelumbus Technology   *Remote · Internship*

- Replicated ChatGPT-based solutions with Google Gemini for real-world AI use cases.
- Developed a Question Paper Generator using RAG and Generative AI with Flask backend.
- Created a user-friendly frontend using HTML/CSS with dynamic content integration.

PROJECTS:

Bitcoin Price Tracker | *React.js, TypeScript, Tailwind CSS, AirCode*   </> Code **May 2025 - July 2025**
- Developed a responsive web app that compares real-time Bitcoin prices across four major crypto exchanges and highlights the lowest price.
- Used React with TypeScript for a strongly-typed, scalable frontend and styled the UI with Tailwind CSS for a modern user experience.
- Implemented lightweight backend functions with AirCode.io to fetch live exchange data and handle API requests efficiently.

ChatApp | *React.js, Node.js, Express, MongoDB, Socket.IO*   </> Code **Jan 2025 - March 2025**
- Built a full-stack real-time chat application with instant messaging, typing indicators, and online/offline status updates.
- Developed the frontend using React.js and styled it with responsive layouts to support both mobile and desktop users.
- Used Socket.IO for real-time bidirectional communication and integrated MongoDB to store user data and chat history securely.

TECHNICAL SKILLS:

Programming Languages: Java, JavaScript, Python, C, SQL, HTML, CSS, PHP , TypeScript
Frontend Frameworks: React.js, Next.js, Redux, Tailwind CSS,
Backend Frameworks: Node.js, Express.js, RESTful APIs, Socket.IO, AirCode
Databases: MongoDB, MySQL
Developer Tools & Version Control: Git, GitHub, VS Code, Figma
Data Science & Other Technologies: Numpy, Pandas, Seaborn, RAG , Generative AI

KEY ACHIEVEMENTS:

- Solved 100+ DSA Questions – Practiced on LeetCode, GFG, and Codeforces, enhancing problem-solving skills.
- Led Farewell 2025 at NIT Mizoram as Event Incharge, managing logistics and planning.