

GAURAV KUMAR JHA

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EDUCATION

- **Rose Public School, Darbhanga, India** (2019)
- **M.M.T.M college , Darbhanga, India** (2021)
- **Panipat Institute of Engineering and Technology, India**
BTech(Computer Science and Engineering),2025
Coursework: Data Structure, Design, and Analysis of Algorithms, Operating System, DBMS

WORK EXPERIENCE

- **Web Developer Intern, Smart Knower** **JUNE-JULY, 2023**
 - Utilized HTML, CSS, and JavaScript to ensure a smooth user experience.
 - Developed innovative front-end components which boosted conversion rates by 10%.
 - Resulting in a 30% increase in user engagement and a 25% decrease in bounce rate.

PROJECTS

AI-Powered PaaS for Application Deployment (Feb 25 – Present)

🔗 Tech Stack: MongoDB, React, Node.js, Docker, Kubernetes, AI (Upcoming)

- Developing a scalable PaaS platform for app deployment, monitoring, and debugging.
- Implementing containerization with Docker and orchestration with Kubernetes for seamless scalability.
- Building an intuitive developer-friendly UI with React and Node.js.
- Planning to integrate an AI-powered assistant to help developers generate and optimize code.

LiveConferencing – Scalable Video Communication Platform (Feb 24 – Apr 24)

🔗 Tech Stack: React, Stream SDK, Clerk Authentication

- Designed a scalable live conferencing solution to support high-quality, real-time video and audio streaming.
- Implementing low-latency streaming using Stream SDK.
- Ensuring seamless user experience with an optimized front-end and secure backend authentication.
- Hosted on Netlify | Link to site : [Live Conferencing](#)

AI-Powered Travel Recommendation System (Oct 24 – Dec 24)

🔗 Tech Stack: React, Gemini AI, OpenWeather API, Google Maps API

- Integrated Gemini AI to analyze user preferences, travel history, and real-time data for tailored recommendations.
- Utilized OpenWeather API to fetch real-time weather updates, enhancing travel decision-making.
- Implemented Google Maps API for location-based recommendations, route planning, and navigation.
- Developed a responsive and intuitive UI using React.js for a seamless user experience.
- Optimized API calls using caching and lazy loading, reducing response times and improving efficiency.
- Hosted on Vercel | Link to site : [AI Journey Vista](#)

CERTIFICATIONS & BOOTCAMPS

- Steganography in python | IBM Skill build (AICTE)
- Cloud Computing Foundations | Google Cloud
- Artificial Intelligence Bootcamp | Microsoft Learn Student Ambassador
- Kubernetes Essentials
- Link to my all certification [Click here to view Certificate](#)

TECHNICAL SKILLS

- Languages: C/C++ (Proficient), Java (Beginner), JavaScript.
- Front-end Development: HTML, CSS, JavaScript, React, Next.js.
- Back-end Development: Node.js, Express.js, REST API.
- Database: MySQL, MongoDB .
- Cloud : Docker, Kubernetes, CI/CD.
- Developer Tools: IntelliJ, VS Code, Git, Postman.