Bibek Bhattarai
Software Developer

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Education

Ontario Graduate Certificate　　　　　　　　　　　**Graduated: 2025**
Lambton College, Canada　　　　　　　　　　　　　*CGPA: 3.06 / 4*

B.E. Computer Science and Engineering　　　　　　　**Graduated: 2021**
Dr. Ambedkar Institute of Technology, Bangalore, India　　*CGPA: 8.26 / 10*

Skills

Programming Languages: JavaScript, Java
Web Development: HTML, CSS, React.js, Bootstrap, Tailwind CSS, Node.js, Express.js, RESTful APIs, WebRTC, Socket.IO
Databases & Deployment Platforms: SQL (MySQL), NoSQL (MongoDB), Render
DevOps/CI-CD: Docker, Kubernetes, CI/CD
Version Control/Tools: Git, GitHub, VS Code, Hoppscotch

Experience

Software Developer Intern　　　　　　　　　　　**April 2021 – Oct 2021**
GUVI Geek Networks, IITM Research Park (Remote)　　*Tools Used: **VS Code, MongoDB, Git, GitHub***

- Developed a responsive web application using **MERN Stack**, improving user engagement.
- Collaborated with a team to implement a **RESTful API** using **Node.js and Express.js**, ensuring seamless data flow between the frontend and backend.
- Enhanced database performance in **MongoDB** for faster and more reliable operations.

Projects

Travel Booking Platform　　　　　　　　　　　　**November 2025**

- Tech Stack: **HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, Render, Hoppscotch, Git, GitHub**.
- Implemented full **CRUD functionality** and allowed users to add properties with price, location, and images.
- Created a **responsive and user-friendly interface**, enhancing user experience across desktop and mobile devices.
- Learned how to deploy this website on the **Render** platform and how to integrate backend with frontend.
- Implemented a full-stack project using the **MVC** framework.

Video Conferencing App　　　　　　　　　　　　**December 2025**

- **Zoom-like video conferencing app** built with **WebRTC** for **real-time peer-to-peer communication**, inspired by platforms like Zoom and Google Meet.
- Utilized **React, Node.js, Express, MongoDB, Socket.IO, and WebRTC** to implement features like **one-on-one video calls, real-time chat, screen sharing, and unique room creation**.
- Gained deep **hands-on experience** in **media stream handling** and **full-stack development**.

Certifications

- **Full Stack Developer – HCL GUVI – 2022**
- **Node.jS – HCL GUVI – 2022**
- **JavaScript – HCL GUVI – 2021**