

BIBEK BHATTARAI

Software Developer

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Education

Post Graduate Diploma

Lambton College, Canada

Graduated: 2025

CGPA: 3.06 / 4

B.E. Computer Science Engineering

Dr. Ambedkar Institute of Technology, Bangalore, India

Graduated: 2021

CGPA: 8.26 / 10

Skills

Programming Languages: JavaScript, Java

Web Development: HTML/CSS, React.js, Bootstrap, Tailwind CSS, Node.js, Express.js, Restful APIs, Hopscotch

Databases: SQL(MySQL), NoSQL(MongoDB)

DevOps/ CI-CD: Docker, Kubernetes, CI/CD

Version Control/Tools: Git, GitHub, Visual Studio.

Experience

Software Developer Intern

GUVI Geek Networks, IITM Research Park (Remote)

April 2021 – Oct 2021

Tools Used: Vs Code, MongoDB, Git/GitHub

- Built dynamic web templates including **Banner**, **Resume**, **Pagination**, and **HTML Forms** using advanced **DOM manipulation techniques**, improving reusability and UI efficiency.
- Implemented **ES6** features **Callbacks**, **Promises**, **async/await**, **fetch API** to handle asynchronous operations effectively.
- Developed **RESTful APIs** and designed **MongoDB schemas** for robust and efficient data storage and retrieval
- Created a web app to fetch **market value prices** via **API** and store them in **MongoDB**.

Projects

Travel Booking Platform | javaScript, Nodejs

March 2025 – April 2025

- Developed a full-stack travel booking platform using javaScript, Node.js, Express.js, MongoDB.
- Implemented RESTful APIs for user authentication, bookings, and payment processing.
- Created a responsive and user-friendly interface, enhancing user experience across desktop and mobile devices.
- Implemented booking status updates using API polling, ensuring users receive the latest information without page reloads.

IOT Based Smart Shopping Trolley | Arduino, Python

February 2025 – March 2025

- A device configured with **Raspberry Pi**, **Load Cell**, **WIFI Module**, **Barcode Scanner**, **Switch Module**, **Arduino**, **Bluetooth Sensor**, **Motor Drive**, **Open CV**, **Python**, **Linux**.
- Smart Trolley System **reduces time spent** at billing counter and **increases customer satisfaction**.
- Smart Trolley System can **detect** any kind of **discrepancies** such as **theft**.
- If there is **offer** on a particular product then our system will **automatically discounts** from the **actual price** and **display the final price** of that product.

Certifications

- Full Stack Developer – HCL GUVI – 2022
- NodeJS – HCL GUVI – 2022
- JavaScript – HCL GUVI 2021