

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, Python

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 design 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.
- Integrated real-time updates for booking status using WebSocket, improving efficiency and user engagement.

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: you can write description about certification here
- NodeJS – HCL GUVI – 2022
- JavaScript – HCL GUVI 2021