

# Bishal Gaihre

## MERN Stack Developer

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## Professional Summary

Highly motivated MERN Stack Developer with a strong foundation in building full-stack web applications. Skilled in developing responsive user interfaces using React and creating secure, scalable backend systems using Node.js, Express, and MongoDB. Dedicated to writing clean, efficient code and continuously improving through hands-on project experience.

## Technical Skills

### Frontend (React)

- Component-based architecture
- Props and state management (useState)
- Form handling and validation
- API integration using Axios and Fetch
- Frontend-Backend communication using Axios and CORS
- LocalStorage usage
- Routing using React Router DOM
- Tailwind CSS styling
- Basic understanding of Context API

### Backend (Node.js & Express)

- RESTful API development
- Experience with packages:
  - bcrypt (password hashing)
  - cors
  - dotenv
  - express
  - jsonwebtoken (JWT authentication)
  - nodemon
  - nodemailer
- Middleware and Error handling
- CRUD operations with GET, POST, PATCH, DELETE requests
- API testing using Postman

## **Database (MongoDB)**

- MongoDB Atlas (cluster)
- CRUD operations
- Mongoose schemas and models

## **Tools & Technologies**

- Git & GitHub
- VS Code
- Postman
- HTML, CSS, JavaScript (project-based learning)

## **Projects & Experience**

### **Full-Stack Blog Application**

- Developed a MERN-based blogging platform with full CRUD functionality.
- Implemented authentication using bcrypt and JWT.
- React frontend with Tailwind and React Router.
- Backend built using Node.js, Express, and MongoDB.

### **Library Management System (Full-Stack)**

- Created a MERN-based system for managing books, users, and transactions.
- Features include book CRUD, search, issue/return workflow.
- Integrated Axios for API communication.

### **Daily Email Quote Sender**

- Full-stack application for sending scheduled spiritual quotes.
- Node.js backend integrated with messaging logic.
- React frontend with form handling and data submission.

## **Strengths**

- Good understanding of full-stack development lifecycle
- Ability to integrate APIs efficiently
- Quick learner with consistent project-based growth

## **Interests**

- Web development
- Full-stack applications
- JavaScript ecosystem