Mohan Bahadur Karki
MERN Stack Developer

[mailto:mohankarki86555@gmail.com] | [9814714838] | mohanbahadurkarki.com.np|

Summary

MERN stack developer with expertise in **MongoDB**, **Express.js**, **React.js**, and **Node.js**. Skilled in building responsive web applications, API development, database management, and cloud deployment for scalable, high-performance solutions.

Skills and Technologies:

- **Frontend:** React.js, HTML, CSS, JavaScript, TypeScript, Redux, Responsive Design
- **Backend:** Node.js, Express.js, RESTful API Development, Authentication, Authorization
- **Database:** MongoDB
- **Version Control:** Git, GitHub
- **Deployment:** Render,
- **Tools:** Postman, NGINX, Webpack, Babel
- **DevOps:** CI/CD (GitLab CI, GitHub Actions), Jenkins
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Education

Bachelor's in Computer Engineering

Nepal College of Information & Technology

Pokhara University, Balkumari (Ongoing)

MERN Stack Experience

- Developed full-stack web applications using React.js, Node.js, Express.js, and MongoDB.
- Built dynamic and responsive UIs with React.js, implementing state management and functional components.
- Created and optimized RESTful APIs with Express.js, ensuring smooth data flow between front-end and back-end.
- Integrated MongoDB for data storage,
- Integrated Socket.io for Real time communication.

PROJECTS

1) **Chatty – MERN Stack Chat App** `●LIVE`

   Developed a real-time chat application using React, Node.js, Express.js, MongoDB, and Socket.io.
   Integrated real-time messaging features with persistent data storage for user conversations.
   Tools & Technologies used: MERN stack, socket.io

2) **E-commerce Website (MERN Stack)**

   Built a full-fledged e-commerce platform with role-based authentication (Admin, Staff, Customer).
   Integrated with payment systems, product management, and customer features, along with CI/CD for automated deployments.
   Tools & Technologies used: MERN stack, typescript,

3) **Vote-for-Rights – (Backend) Voting Application**

   Created a voting platform with secure user authentication and real-time vote tracking.
   Designed an efficient backend to manage user roles, voting processes, and results.
   Tools & Technologies used: express js, nodejs

4) **Portfolio website** `●LIVE`

   My portfolio showcases my projects and skills as a MERN Stack Developer and DevOps Engineer, demonstrating expertise in web development, automation, cloud technologies, and building scalable, high-performance applications
   Tools & Technologies used: Html css and javascript

CERTIFICATION

- **MERN Stack Development** – Broadway Institute

- **Practical DevOps Training (12 Weeks) –** Presidential college -NAS IT

- **ProCoder JavaScript Certification**