Manish Acharya

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About Me

Passionate web developer with expertise in JavaScript, TypeScript, Node.js, and a wide range of web technologies. Seeking opportunities to leverage my skills and experience to create exceptional web solutions.

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, Node.js, Go
Front-End: React.js, Next.js, HTML5, CSS3, Sass, Tailwind CSS
Back-End: Node.js, Express.js, Go, Flask,
Containerization: Docker
Version Control: Git, GitHub
Database: MongoDB
Other: RESTful APIs, Webpack, Babel, npm/yarn, Jest, Enzyme, JIRA, Agile/Scrum

Education

- **Bachelor of Information Technology (BIT) Sydney :**
  - **King's Own Institute (2023-2026):**
    - Relevant Coursework:
      - Object Oriented Programming, Web Design and Development.
      - Database Design and Development.
      - Systems Analysis and Design, Discrete Maths.

Project Work

- **MERN Ecommerce:** A full-stack Ecommerce application built with the MERN (MongoDB, Express.js, React.js, Node.js) stack. The project replicates major functionalities found in popular e-commerce websites, including user authentication, product management, shopping cart, and more.
  - **Key Features:**
    - **User Authentication & Security:**
      - Account creation and secure login with email and password.
      - Passwords are securely hashed and stored.
      - Secure authentication with JSON Web Tokens (JWT).
      - Measures implemented to prevent common security vulnerabilities.
    - **Product Management & User Interaction:**
      - Product search functionality.
      - Users can create product listings with images, descriptions, and prices.
      - Detailed product view for users.
      - Shopping cart and wishlist functionality.
      - Users can add reviews and ratings for products.
    - **Database:**
      - MongoDB used for storing user data, product listings, and order history.
      - Secure and efficient database interactions.
  - **Technologies Used:**
    - **Frontend:** React.js, CSS, Redux for state management.
    - **Backend:** Node.js, Express.js, MongoDB.
    - **Authentication:** JSON Web Tokens (JWT).
    - **Other Tools and Libraries:** Axios, bcrypt for password hashing, multer for file uploads.

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- **Room (A Zoom-like Clone with WebRTC) :** Developed a web application using React.js and WebRTC to facilitate virtual meetings and real-time video conferences.
  - **Technologies Used:**

- ■ **Frontend**: React.js, Redux.
- ■ **Backend**: Node.js, Express.js, WebRTC, Socket.io.

Awards and Certificates

- ● **AWSome Day Online Coferenc(2023) :**
  - ○ Successfully completed the AWSome Day Online Conference, gaining in-depth knowledge of Amazon Web Services (AWS) cloud computing solutions.
  - ○ Acquired insights into best practices for cloud architecture, security, and scalability.
  - ○ Applied acquired skills in practical scenarios through hands-on sessions and case studies.