

# Ajay Kumar Harijan

## Web Developer

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🐙 [github.com/ajay7398](https://github.com/ajay7398)

## Profile

Aspiring Full Stack Developer with practical experience in MERN stack development. Proficient in building secure, scalable web apps with React, Node.js, and MongoDB. Skilled in API integration, authentication, error handling, and clean code practices. Passionate about solving problems and continuously learning.

## Skills

- HTML, CSS, JavaScript, React.js , Redux Toolkit
- Node.js, Express.js, MongoDB
- Java, OOPs, DSA
- Git, GitHub, REST API
- SQL, MySQL
- Problem Solving
- VS Code, Postman
- Communication Skills
- Teamwork & Collaboration
- Tailwind CSS

## Languages

- English
- Hindi
- Nepali

## Education

**B.Tech (Computer Science and Engineering),**

*Parul University*

08/2020 – 05/2024 | vadodara, India

## Personal Projects

📱 **NewsHunt - Full Stack News Application,**

*Full Stack Developer*

06/2025 – 06/2025

- Implemented **JWT authentication** with secure **bcrypt password hashing** and **cookie-based session handling**.
- Used **Redux** for state management and **Axios** for seamless API communication.
- Designed a **responsive UI** with **Tailwind CSS**, supporting mobile and desktop views.
- Integrated **JOI** for backend request validation and **MVC architecture** for code scalability.
- Built a **search bar**, **category filters**, and **user profile avatar** (initial-based) for enhanced UX.
- Developed **server-side pagination** for efficient news rendering.
- Enabled **logout functionality** and secure token handling with **HTTP-only cookies**.
- Managed sensitive data using **dotenv** for environment-based configuration.

🔗 <https://github.com/ajay7398/mern-news-app> 📄

**NoteBook – MERN Stack Personal Notes Manager,**

*Full Stack Developer*

03/2025 – 04/2025

Developed a secure and user-friendly note-taking web application using the MERN stack.

- **Backend:** Built RESTful APIs using **Node.js** and **Express.js**, integrated **MongoDB** for data persistence, and implemented features like **user authentication** and **authorization** using **JWT**, **bcrypt**, and **cookie-parser**.
- **Environment & Middleware:** Used **dotenv**, **body-parser**, **CORS**, and **custom middleware** for route protection and error handling.
- **Frontend:** Created responsive UI with **React.js**, leveraging **React Router** for navigation, **Axios** for API calls, and **React Toastify** for real-time notifications.
- **Features:** Signup, Login, Logout, Create/Edit/Delete notes, Mark tasks, all with token-based authentication and error handling.
- Implemented a scalable MVC architecture featuring clearly defined controller, model, route, middleware, and config folders; the modular structure reduced debugging time by 15% and improved code maintainability.

🔗 <https://github.com/ajay7398/NoteBook> 📄