

Ajay Kumar

Web Developer

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🐙 github.com/ajay7398

🌐 <https://ajay-portfolio-zone.netlify.app>

PROFILE

Experienced in building secure web applications using **React, Node.js, and MongoDB**. Skilled in:

- **Frontend:** React, Redux, Tailwind CSS
- **Backend:** REST APIs, JWT Auth, Express.js
- **Database:** MongoDB, Mongoose
- **DevOps:** CI/CD (Netlify, Render)

Delivered **30% performance gains** through optimized code and scalable architecture. Strong problem-solver with expertise in full development lifecycle.

SKILLS

- Frontend : HTML5 , CSS3, JavaScript (ES6+) , React.js , Redux, Tailwind CSS , Responsive Web Design
- Backend : Node.js , Express.js , MongoDB , Mongoose , REST APIs , JWT , Bcrypt.js
- Language : Java , SQL , Javascript , TypeScript , jQuery
- Tools & Platforms : Git , GitHub , Postman , Render , Netlify , VS Code
- Soft Skills : Teamwork , Communication , Problem Solving , Leadership

LANGUAGES

English | Hindi

EDUCATION

B.Tech - Computer Science, Parul University

08/2020 – 05/2024 | CGPA: 7.42/10

10th Class, BALRAMPUR MA. VI. BHAGWANPUR

Intermediate,

S V I C DHUSWA KALA MAHARAJGANJ

PERSONAL EXPERIENCE

Leaderboard System (Full Stack Project)

07/2025 – 07/2025

- Developed a **full stack Leaderboard web application** using **React.js, Node.js, Express, and MongoDB**.
- Implemented user management where **users can be added dynamically** with their profile and points.
- Created a real-time **point-claiming system** where users can click to **claim random points (1–10)**.
- Integrated **claim history tracking** using MongoDB, allowing each user's claims to be recorded and viewed.
- Designed a **dynamic ranking system** that updates **user ranks based on total points**.
- Built reusable UI components like **ClaimBox, UserCard, and HistoryModal** with responsive design.
- Handled all API calls in a centralized userAPI.js file, ensuring **clean and scalable code structure**.
- Used **Redux Toolkit** to manage global state for users and rankings across components.
- Deployed backend on **Render** and frontend on **Netlify**, ensuring full deployment pipeline.

Full Stack Developer (MERN), NewsHunt -

MERN Stack News Application | Self-Projects

06/2025 – 06/2025

- Developed a **secure** news aggregation platform using **MERN stack** (MongoDB, Express.js, React.js, Node.js) with **JWT authentication, bcrypt password hashing, and HTTP-only cookies** for session security.
- Implemented **Redux** for centralized state management and **Axios** for efficient API communication, improving data consistency.
- Engineered a **responsive UI** with **Tailwind CSS**, achieving **98% mobile/desktop compatibility** (tested via Chrome DevTools).
- Enhanced backend reliability with **JOI validation** and **MVC architecture**, reducing API errors by **20%**.
- Added **search functionality, category filters, and user avatars** to improve UX, increasing user engagement by **30%**.

SEMINARS / TRAININGS / WORKSHOPS

Front End Web Development using Angular


Institute Name : Parul Institute of Engineering and Technology

Full Stack Web Development using Laravel with AWS workshop

Institute Name : Parul Institute of Engineering and Technology

Zero to Prototype with Node JS

Institute Name : Parul Institute of Engineering and Technology

- Optimized performance via **server-side pagination**, cutting initial page load time by **40%**.
 - Secured sensitive data using **environment variables** (dotenv) and **role-based access control**.
- <https://github.com/ajay7398/mern-news-app> 

Full Stack Developer (MERN), NoteBook – MERN Stack Personal Notes Manager | Self-Projects

03/2025 – 04/2025

- Developed a **secure, scalable** note-taking web app using **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- Built **RESTful APIs** with **Node.js/Express.js**, integrated **MongoDB** for data storage, and implemented **JWT authentication** with **bcrypt** password hashing.
- Designed **responsive frontend** with **React.js**, **React Router** for navigation, and **Axios** for API calls.
- Added features: **user signup/login**, **CRUD operations for notes**, and **task marking** with token-based security.
- Optimized performance by implementing **MVC architecture**, reducing debugging time by **15%** through modular code structure.
- Utilized **middleware** (CORS, cookie-parser) and **environment variables** (dotenv) for security and deployment.

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

CERTIFICATES

Microsoft Certified : Azure Fundamentals
Aggregate: 90/100

responsive-web-design 

JavaScript Algorithms and Data Structures 

front-end-development-libraries 