

MADHAVI SINGH

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SUMMARY

Enthusiastic Full-Stack Developer with hands-on experience building scalable, responsive web applications using the MERN stack. Skilled in RESTful APIs, authentication, and clean UI/UX. Strong team collaborator and fast learner passionate about writing clean, maintainable code in agile environments.

SKILLS

Frontend: HTML, CSS, JavaScript, React.js, Bootstrap, Tailwind CSS, Material UI

Backend & Database: Node.js, Express.js, MongoDB

Languages & Tools: Java, C++, Git, GitHub, Postman, VS Code, IntelliJ, Eclipse

EXPERIENCE

- **Software Engineer Trainee** *Aug 2024 – Present*
AndGate Informatics Pvt Ltd
 - Developed and maintained full-stack web applications using the MERN stack.
 - Created RESTful APIs using Express.js and Node.js to handle data flow between frontend and backend.
 - Worked with MongoDB to design and implement schemas for storing and retrieving structured data.
 - Collaborated with frontend and backend teams in Agile sprints to deliver features on time.
 - Tested and debugged applications to ensure smooth functionality before deployment.
 - **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Material UI, Git, Postman

PROJECTS

- **Twitter Clone – Social Media Platform**
 - Developed a full-stack social media platform using React.js, Node.js, Express.js, and MongoDB.
 - Implemented post creation, editing, deletion, likes, and comment functionality.
 - Secured authentication using JWT and password encryption with Bcrypt.
 - Integrated Cloudinary for user profile and post image uploads.
 - Used React Query for fetching and managing real-time API data.
 - Built a responsive and clean user interface using Tailwind CSS.
- **TodoZi – Task Management App**
 - Designed and developed a task manager using HTML, CSS, JavaScript, Node.js, Express.js, and MongoDB.
 - Enabled users to securely register and log in with JWT-based authentication and Bcrypt hashing.
 - Built RESTful APIs for creating, updating, and deleting tasks.
 - Created a clean and responsive interface using Bootstrap for a smooth user experience.
- **Hospital Management System (HMS)**
 - Built a role-based hospital management system using the MERN stack (MongoDB, Express.js, React.js, Node.js).
 - Created separate dashboards for admin and users with login and access control.
 - Implemented admin features to manage doctors, appointments, and users.
 - Developed a fully responsive UI using Tailwind CSS for both desktop and mobile views.

EDUCATION

- **B.Tech in Computer Science & Engineering** *Aug 2020 – May 2024*
Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow *CGPA: 8.1*

CERTIFICATIONS

- Certified Java Programmer – HackerRank
- Full-Stack Web Development – Technical Hub
- MongoDB Developer – MongoDB University