

MADHAVI SINGH

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SUMMARY

Full-Stack Developer with 1+ year of experience building scalable MERN applications for real-world products. Skilled in developing responsive UIs with React.js and Tailwind CSS, optimizing performance, and integrating secure REST APIs. Experienced in authentication, role-based access control, and end-to-end feature delivery using Node.js and MongoDB.

EXPERIENCE

AndGate Informatics Private Limited (Full-stack Developer) Backend (Node.js)

1 year – Current

- Developed backend architecture of **WorkSphere** to streamline end-to-end candidate management.
- Integrated interview stage tracking with dynamic workflows for candidate status updates (accept, reject, on-hold).
- Designed **role-based access control** (Admin, HR, Candidate) to ensure secure **authentication** and **authorization**.
- Integrated automated **SMS and email alerts** to provide candidates with **timely updates**.
- Automated **offer letter creation**, speeding up hiring cycles and minimizing **manual HR effort**.

Frontend (React.js)

- Developed a **responsive UI** using React.js and **Tailwind CSS**, ensuring a seamless dashboard experience across devices.
- Improved performance using **lazy loading**, **code splitting**, and **caching strategies**, resulting in faster load times.
- Refactored and optimized React components, reducing unnecessary re-renders using **React.memo**, **useCallback**, and **useMemo**.

PROJECTS

• WorkSphere – Recruitment and Employee Management System GitHub

- **MERN** stack recruitment platform with role-based access for Superadmin, HR, and Candidates.
- Created dashboards and **real-time** status tracking to streamline the hiring process.
- Integrated **JWT** authentication, protected routes, and email notifications using Nodemailer.
- Designed a fully responsive UI using Tailwind CSS with advanced search and filter functionalities.
- Performed CRUD operations on candidate, job, and HR data using Mongoose with proper validation and error handling.

• Verif Playground GitHub

- Developed a single-page web application utilizing ReactJS, NodeJS, ExpressJS, and MongoDB to offer seamless user experience across desktop and mobile devices.
- Integrated JWT authentication for secure user logins and password encryption with Bcrypt.
- Utilized CSS and JavaScript frameworks to enhance code readability, facilitate efficient debugging.

SKILLS

Frontend: HTML, CSS, JavaScript, React.js, React Flow, ChartJs Bootstrap, Tailwind CSS

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

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

EDUCATION

– B.Tech in Computer Science & Engineering

Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow

Aug 2020 – May 2024

CGPA: 8.1

– Senior Secondary

Board Of Secondary Education, Madhya Pradesh

July 2019 – May 2020

Percentage: 86.4

CERTIFICATIONS

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