

MADHAVI SINGH

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SUMMARY

React Developer with 1 year of experience building responsive web applications using React.js and Tailwind CSS. Skilled in creating reusable components, integrating APIs, and optimizing user experiences. Passionate about writing clean, maintainable code.

EXPERIENCE

AndGate Informatics Private Limited (Full-stack Developer) 1 year – Current

Backend (Node.js)

- 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**

Aug 2020 – May 2024

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

CGPA: 8.1

– **Senior Secondary**

July 2019 – May 2020

Board Of Secondary Education, Madhya Pradesh

Percentage: 86.4

CERTIFICATIONS

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