

# 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

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