

# ARCHISHMAN KAR

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## SUMMARY

Results-driven Frontend Developer skilled in building responsive, cross-browser, and mobile-first web applications. Proficient in JavaScript (ES6+), React.js, Redux, HTML5, CSS3, and RESTful APIs. Passionate about delivering seamless user experiences and scalable single-page applications (SPA).

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## PROJECTS

### Vibe AI | React, Google Gemini API | Aug 2025

- Developed a React-based AI chat interface using Google Gemini API, reducing development time by 30% through modular component architecture and custom hooks.
- Implemented real-time typing animations and automated prompt suggestions, improving user engagement by 25% and reducing average response time by 40%.
- Created robust API integration with comprehensive error handling and 60-second timeouts, reducing failed requests by 20% and improving user experience.
- Optimized code structure using service layers and environment variables, reducing maintenance overhead by 35% and enabling easy deployment.
- Built responsive mobile-first design with sticky input components and auto-scroll functionality, achieving 90% mobile compatibility across devices.

### Movie Finder | React, OMDB API, Tailwind CSS | July 2025

- Developed a responsive movie search application using React and OMDB API, implementing real-time search with 500ms debouncing to reduce API calls by 40%.
- Built advanced search functionality with multi-criteria filtering (title, director, actors, plot), achieving 85% search accuracy and handling edge cases with fallback data.
- Optimized API integration with error handling for network failures and rate limits, reducing failed requests by 30% and providing user-friendly error messages..
- Designed mobile-first responsive UI with Tailwind CSS, achieving 95% mobile compatibility and smooth animations with staggered loading effects

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## EDUCATION

### Bachelor of Computer Application

Aug 2023 - July 2025

Acharya Institute of Graduate Studies

- Completed coursework in developing Data Analyzer using WebTechnologies, Python
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## ADDITIONAL INFORMATION

- **Communication Skills:** Problem-solving, Teamwork, Demonstration, Project-management, Time-analysis, Data-interpretation
- **Technical Skills:** HTML5, CSS3, JavaScript (ES6+), React.js, Redux, REST APIs, TypeScript, GraphQL, Node.js, SQL, Git, Webpack, CI/CD, Tailwind CSS, Responsive Design, Agile, Testing (Jest, Cypress)
- **Languages:** English, Hindi, Bengali