

SHRIRAM KUMARAN R

FRONT END DEVELOPER

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PROFESSIONAL SUMMARY

Front end web developer with a strong foundation in HTML, CSS, JavaScript, Java, and modern frameworks like React.js, with expertise in developing responsive, user-friendly interfaces and optimizing web performance. Skilled in graphic design tools such as Adobe Photoshop, Illustrator, After Effects, and Figma, blending technical expertise with creative design with a keen eye for detail and design aesthetics with color theory and visual hierarchy. Passionate about delivering scalable and maintainable web applications. Seeking a role to contribute problem-solving abilities, modern UI development skills, and collaboration with cross-functional teams. Open to relocation to any location as needed.

SKILLS

Technical Skills : **HTML , CSS , JavaScript , React JS , Front-End Performance Optimization (Lazy Loading, Code Splitting), Responsive Web Design & MySQL**

Design and Creative Software : **Figma , Adobe Photoshop , Illustrator , After Effects**

Version Control System : **Git, GitHub**

Soft Skills : **Creativity, Adaptability, Collaboration, Task Prioritization, Problem Solving, Communication, Responsibility, Time Management, Deadline Adherence, and Consistency**

EDUCATION

Master of Computer Applications 2021 - 2023
ANNA UNIVERSITY, CEG, Chennai

Bachelor of Computer Applications 2018 - 2021
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai

CERTIFICATIONS

Full Stack Web Development with Java and React.js 2024

- Certified in Full Stack Web Development specialized in scalable back-end solutions using Java and responsive front-end design with React.js. Acquired advanced knowledge of frameworks and tools, aligning with industry standards.
- Skills : HTML5, CSS3, JavaScript (ES6+), React.js, Responsive Design (Flexbox, Grid), Web Technologies, Java, MySQL, Node.js, Webpack, npm, Git, APIs, DOM Ui Testing Tools, and converting mocks to functional designs.

PROJECTS

Captcha Solving Application

- Developed a deep learning-based Chrome extension to autofill captchas in under 3 seconds, eliminating reliance on illegal bypass services, saving 2 minutes per captcha for 500+ users, by adapting emerging technologies.
- Achieved a 95%+ accuracy rate across text-based, image-based, and reCAPTCHA challenges, improving user success rates by 40%.
- Optimized the Python codebase with advanced libraries, reducing the error rate from 5% to less than 1%. Improved the success rate by 40% through algorithm refinements and rigorous validation processes.

Movie Recommendation System

- Built a machine learning-based movie recommendation system using the MovieLens dataset with over 100,000 user ratings for 9,000+ movies.
- Leveraged Content-Based Filtering to analyze 10,000+ movie metadata points, including genre, director, and plot keywords, recommending to over 1,000 users.
- Attained an accuracy score exceeding 85% based on evaluation metrics, improving recommendation relevance by 30% compared to existing systems.

Student Data Management and Retrieval System

- Engineered a scalable student data management and retrieval system using the MERN stack (MongoDB, Express.js, React.js, NodeJS) to handle 10,000+ records efficiently.
- Integrated advanced filtering, search, and query functionalities, using Rest APIs and reducing data retrieval time by 70%, enabling administrators to retrieve specific data instantly for accreditation. Ensured compatibility and scalability by adhering to industry trends and participating in code reviews and incorporating during development.
- Streamlined assessment processes by generating reports and analytics in under 30 seconds, down from 2 minutes.

Responsive Portfolio Website

- Designed a responsive portfolio website using React.js, Tailwind CSS, and Framer Motion, ensuring 100% compatibility across mobile, tablet, and desktop devices.
- Collaborated with peers to integrate 20+ unique animations and interactive UI/UX design components, demonstrating expertise in front-end development and design principles.
- Utilized Framer Motion to craft polished animations and seamless transitions, enhancing visual appeal and improving navigation efficiency by 40%.