


# SHRIRAM KUMARAN R

## FRONT-END DEVELOPER

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### PROFESSIONAL SUMMARY

Front-end developer proficient in HTML, CSS, JavaScript, and React.js, with expertise in creating dynamic, user-focused digital solutions with responsive, user-friendly web applications. Skilled in 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. Adept at conducting user research, creating interactive prototypes, and improving digital media traffic through innovative strategies. Eager to contribute to expanding and enhancing digital delivery channels in a collaborative team setting.

### SKILLS

Front End Web Development : **HTML , CSS , JavaScript , React JS , My SQL**

Design and Creative Software : **Figma , Adobe Photoshop , Illustrator , Premiere Pro**

Version Control System : **Git**

Soft Skills : **Creativity, Adaptability, Collaboration, Task Prioritization, Problem Solving, Communication, Responsibility, Leadership, and Consistency**

### EDUCATION

**Master of Computer Applications**

ANNA UNIVERSITY, CEG, Chennai

2021 - 2023

**Bachelor of Computer Applications**

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, Chennai

2018 - 2021

### 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%.

### 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 : HTML 5, CSS3, JavaScript (ES6), React.js, Web Technologies, Java, MySQL, Node.js, Webpack, Git, APIs, DOM Ui Testing Tools, and converting mocks to functional designs.