

SRIRAM M

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PROFESSIONAL SUMMARY

Motivated Computer Science graduate with expertise in Full-Stack Development, Data Structures, and Algorithms. Proficient in building scalable web applications using React.js, Django, and Node.js, with hands-on experience in API integration and automation. Adept at problem-solving and eager to contribute to innovative software development teams.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript

Backend: Django, Express.js, Node.js

Frontend: React.js, HTML5, CSS3

Databases: MySQL, MongoDB

Fundamentals: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems, Computer Networks

Tools & Technologies: Git, GitHub, Playwright, REST APIs, Speech Recognition, pyttsx3

Methodologies: Agile, Test-Driven Development

EDUCATION

Master of Computer Applications (MCA)

Kumaraguru College of Technology, Coimbatore

2024 – 2026 | CGPA: 7.54

Bachelor of Computer Applications (BCA)

PSG College of Arts and Science, Coimbatore

2021 – 2024 | CGPA: 7.0

PROJECTS

Jarvis AI Assistant (Python, Speech Recognition, pyttsx3, Wolfram Alpha API)

- Developed a voice-activated assistant enabling hands-free task automation (e.g., calculations, web searches).
- Integrated Wolfram Alpha API for real-time query processing, achieving 95% response accuracy.
- Optimized code for modularity, reducing execution time by 20% through efficient event handling.

Amazon Price Tracker (React.js, Flask, Playwright)

- Built a full-stack application to automate price tracking for 500+ Amazon products, leveraging Flask APIs and Playwright for web scraping.
- Designed a responsive React.js frontend, improving user interaction efficiency by 30%.
- Enhanced data retrieval speed by 90% through optimized scraping algorithms.

E-Spark (E-commerce Website) (React.js, Django, MySQL)

- Engineered a full-stack, responsive e-commerce platform with user authentication, product catalog, and payment integration.
- Implemented RESTful APIs using Django, ensuring secure data transactions and 100% uptime.
- Optimized database queries, reducing page load time by 25%.

CERTIFICATIONS

Web Development Bootcamp, Udemy | 2024

Introduction to Data Analysis, Coursera | 2023

Robotic Process Automation, Coursera | 2023

LANGUAGES

English (Fluent),

Tamil (Native),

Kannada (Conversational)

INTERESTS

Traveling,

Fitness,

Music,

Formula 1,

MotoGP.