

SRI RAGHUL KRISHNA A

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Executive Summary

Full Stack Developer specializing in building **production-ready web applications** with a strong focus on scalability, security, and user-centered design. Skilled in developing reliable backend systems, designing responsive interfaces, and deploying applications in real-world environments. Actively expanding expertise in **Artificial Intelligence and Machine Learning** to create intelligent, high-impact software solutions.

Education

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| Jansons Institute of Technology <i>Bachelor of Engineering in Computer Science and Engineering</i> | Sep. 2023 – Present <i>Coimbatore</i> |
| Thamarai Matric Hr Sec School <i>Higher Secondary</i> | July 2022 – Mar 2023 <i>Erode</i> |

Work Experience

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| ELGI Equipments <i>Software Developer Intern</i> | July 2025 – Nov. 2025 <i>Coimbatore</i> |
| • Developed internal business applications using JavaScript, React.js, and Microsoft Power Apps to support operational workflows. • Contributed to process automation and digital transformation initiatives across multiple business units. • Collaborated with cross-functional stakeholders to gather requirements and deliver reliable, user-friendly solutions. | |

Projects

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| Product Management API with JWT Authentication | Node.js Express.js MongoDB |
| • Developed a modular, production-ready REST API backend using Node.js , Express.js , and MongoDB (Mongoose) for secure and scalable product management. • Implemented complete JWT-based authentication , including validated user registration, password hashing, login via email/username, and token-protected endpoints. • Designed robust CRUD operations for products, enforcing authenticated access and maintaining a clean, maintainable API architecture. | |

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| Static Website Deployment on AWS | AWS EC2 NGINX HTML CSS |
| • Deployed a responsive static website on an AWS EC2 instance using NGINX as the web server. • Configured Linux-based hosting, routing, and deployment to ensure stable, performant, and user-friendly public access. | |

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| To-Do List App | React.js Vite CSS |
| • Built an interactive To-Do web application using React Hooks for dynamic state management and smooth user interactions. • Enabled task creation, completion, and persistence using localStorage with a clean, responsive user interface. | |

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| Text-to-Audio Converter Web App | JavaScript Web Speech API HTML CSS |
| • Developed a browser-based text-to-speech tool using the Web Speech API and vanilla JavaScript. • Implemented adjustable voice, rate, and pitch controls within a simple, responsive interface to improve accessibility. | |

Technical Skills

Languages: JavaScript, Java, SQL, HTML, CSS

Developer Tools: VS Code, Git & GitHub, Postman, AWS EC2, NGINX, Linux

Libraries/Frameworks: React.js, Node.js, Express.js, MongoDB, Power Apps

Courses & Certifications

Infosys Springboard: Data Structures, NumPy and Pandas Python, Operating Systems, Internet of Things

NPTEL: Extended Reality Technologies

Additional Skills: 3D-Printing