

# RAMASWAMY IYAPPAN

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## SKILLS

**Frontend:** React, Angular, HTML, CSS, Javascript, Tailwind CSS, Bootstrap, Sass, jQuery, Node.js, Postman

**Backend:** Spring, Java, Python, MySQL, Snowflake, DBeaver, pgAdmin

**Tools:** VSCode, IntelliJ, Sublime text, GitHub

**DevOps:** AWS, CI/CD, Kubernetes, Docker

**Certifications:** AWS Certified Developer Associate, Solutions Architect Associate & Cloud Practitioner

## EDUCATION

**George Mason University** Jan 2022 - Dec 2023

*Master of Science in Computer Science*

*Fairfax, VA*

- **Relevant Coursework:** Web Development, Component-based Development, Data Mining, Machine Learning, Advanced NLP, Analysis of Algorithms, DevOps

**Vels University**

Aug 2016 - May 2020

*Bachelor of Science in Computer Science*

*Chennai, India*

- **Relevant Coursework:** Data Structures, Software Design, Object Oriented Programming, Differential Calculus.

## EXPERIENCE

**Graduate Teaching Assistant** Aug 2023 - Dec 2023

*George Mason University*

*Fairfax, VA*

- Instructed & facilitated the Principles of Computing course, conducted weekly office hours, assessed assignments, and provided personalized support to over 60 students for enhanced performance.

## PROJECTS

**Portfolio Website** | *React, Bootstrap, Tailwind CSS* Mar 2024 - Jun 2024

- Built a fully responsive portfolio website using React, Bootstrap 5, and Tailwind CSS.
- Integrated features like a downloadable resume, a contact page for direct messages, detailed project showcases, and an interactive game to engage visitors.

**React Jobs UI** | *React, Bootstrap, Tailwind CSS, Netlify* Apr 2024

- Developed a responsive job portal UI using React, JSON Server, and Netlify, ensuring dynamic job browsing and management for developers and employers.
- Utilized Tailwind CSS, Bootstrap, and React-toastify for enhanced responsiveness and user experience, with seamless deployment and CI/CD integration via Netlify.

**Real Estate Website** | *React, Vite, Bootstrap* Apr 2024

- Developed a responsive real estate website with React, Vite, and Bootstrap 5, featuring dynamic property listings, search functionality, and interactive maps for an optimal user experience.

**Movies App** | *React, Bootstrap, JSON* Mar 2024

- Successfully implemented asynchronous API calls within the Movies App, ensuring a rapid response time of under 500 milliseconds for seamless user interaction.
- Achieved 100% responsiveness across diverse devices, enhancing accessibility and usability for all users.

**Survey-form Web Application** | *Angular, Springboot, Javascript, jQuery, Kubernetes, SQL* Feb 2022

- Built and deployed a microservices-based survey application using CI/CD pipeline (Jenkins & Docker) on AWS.
- Reduced deployment time by 40%, enabling faster feature releases and better user experience.

## LEADERSHIP AND AWARDS

**Marketing Employee of the Year**, *Mason Recreation* Jun 2022 - May 2023

**NCC Cadet Award**, *Cleared 3 Rifle rounds*

Sep 2013

**Manager On Duty**, *Mason Recreation*

**Piano/Music Instructor** (6+ yrs)