

THILAK RAMANIE SHANMUGASUNDARAM

FULL-STACK DEVELOPER

[Email](#) | [Mobile: +353 89 2667015](#) | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

SUMMARY

MSc in Computing candidate with an expected **2:1** degree, with **3+** years of hands-on experience in Software development, specializing in **JavaScript**, **React.js**, **Node.js**, and **Angular**, coupled with proficiency in testing tools like Selenium and Testcomplete. Open for **Front-end / Full-stack** Developer role from **July 2024**, seeking **Stamp-1/1G** visa sponsorship.

RELEVANT WORK EXPERIENCE

System Engineer (part-time) @Harrier Systems **10/2023 - Present**

- Rapidly developing UI solutions using React and Angular framework.
- Implemented a streamlined user authentication and onboarding process on a law firm's website, reducing the registration steps by 30%, resulted in a 25% increase in user sign-ups within the first month.

Software Developer @ScribeEMR technology services private limited **01/2023 - 08/2023**

- Implemented React.js UI to enhance medical application accessibility, integrating a cutting-edge rich text editor and speech-to-text functionality; boosted user engagement by 20%.
- Spearheaded and managed frontend development project from inception, leading a team of 2 developers
- Improved UI and resolved bugs in a medical app with Angular, optimizing performance, and contributed to the hiring process as a technical interviewer.

Frameworks & Tools used: React.js, Angular, NodeJS, MongoDB, AWS, Azure, Figma

Freelance web developer @International food ingredients trading co **12/2022 - 01/2023**

- Freelanced to develop a React.js web app for iFit, a spice trading company, meeting industry-specific needs. [Project Here](#)

Software Developer @Siemens technology services private limited **12/2021 - 12/2022**

- Engineered the Angular-based user interface for a load management system, featuring a sophisticated dashboard implementation for enhanced data visualization and user interaction.
- Created an API using Express, Node.js, and AWS to support the dynamic load management system, enhancing its functionality and performance.
- Provided crucial support to the firmware development team by troubleshooting errors in a third-party plugin, ensuring the seamless integration of external components.

Achievements: Integrated a non-authorization plugin in Versicharge at Siemens, introducing a key feature and advancing the system.

Frameworks & Tools used: React.js, Angular, NodeJS, AWS, Figma, OCPP-NG, Python, Syslog-NG

- Established Selenium and Java framework for efficient web application testing, streamlining processes.
- Designed Test Complete and Python framework for desktop apps, contributing to comprehensive testing strategies and driving continuous improvement in testing methodologies.
- Presented multiple ideas to enhance test scripts for web applications, demonstrating a commitment to continuous improvement in testing methodologies.

Achievements: Attained a significant milestone by developing a smart script during my employment at Aptean, showcasing innovation and expertise in test script development.

Languages & Tools used: Java, Selenium, Python, Testcomplete, Test execute, MS Excel

EDUCATION

MSc in Computing (Expected Grade: 2:1) Dublin City University, Ireland	09/2023 - Present
BTech in Information Technology (CGPA: 8.51) Thiagarajar college of Engineering, India	06/2017 - 05/2021

SKILLS

- React.js
- Bootstrap
- NoSQL
- Angular
- Figma
- Java
- Node.js
- AWS
- Python

ACHIEVEMENTS

2018	<ul style="list-style-type: none">• Runner of front-end development event at MIT, Chennai• Winner of poster presentation in Elixir
2019	<ul style="list-style-type: none">• Winner of poster presentation in Elixir
2020	<ul style="list-style-type: none">• Winner of CERTATIM an inter-department hackathon.• Winner of Appathon 2K20, an event where we developed a CMS for the MP, Madurai

CERTIFICATIONS

Udemy:

- [React](#)
- [Angular](#)
- [JavaScript](#)
- [Flutter](#)
- [Bootstrap 4](#)
- [CSS](#)
- [Front-End](#)

Coursera:

- [Arduino and C Programming](#)
- [IOT and Embedded Systems](#)

INTERESTS & HOBBIES

- Dancing - Was the **General Secretary** of AFD hip-hop crew during my bachelors and a member of DCU dance society currently.