

# THILAK RAMANIE SHANMUGASUNDARAM

DCU CAMPUS RESIDENCES, DUBLIN 9

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[thilakramanie.github.io/Portfolio-ReactJS/](https://thilakramanie.github.io/Portfolio-ReactJS/)

[github.com/ThilakRamanie](https://github.com/ThilakRamanie)

## Personal Profile

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MSc in Computing candidate with an expected 2:1 degree, boasting over 3 years of hands-on experience in Software development, specializing in JavaScript, React.js, Vue.js, and Angular, coupled with proficiency in testing tools like Selenium and Testcomplete. Well-versed in BDD and TDD methodologies. Bringing an open attitude to knowledge sharing and excellent communication abilities. My problem-solving and analytical skills, coupled with a proven ability to work collaboratively in teams, align seamlessly with the requirements of a Software Developer role. Dedicated to perpetual learning as evidenced by pursuing multiple certifications outside of my degree and fostering collaborative growth.

## Relevant Work Experience

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### **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

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

- Developed the user interface of a load management system using the Angular framework.
- 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

### **QA Engineer @Aptean Limited** **02/2021 - 12/2021**

- 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, Test complete, Test execute, MS Excel

**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.

## Education

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**MSc in Computing (Expected Grade: 2:1)**

**09/2023 - Present**

Dublin City University

### **Relevant Modules:**

Cryptography and number theory, Secure Programming, Concurrent Programming, Professional research methods and practices, Network Security

**BTech in Information Technology (CGPA: 8.38)**

**06/2017 - 05/2021**

Thiagarajar college of Engineering, India

## Skills

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- |            |          |         |
|------------|----------|---------|
| • React.js | • Java   | • C++   |
| • Angular  | • Python | • AWS   |
| • Node.js  | • Vue.js | • Figma |

## Achievements

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<b>2020</b>	Winner of CERTATIM an inter-department hackathon.
<b>2020</b>	Winner of Appathon 2K20, an event where we developed a CMS for the MP, Madurai
<b>2018, 2019</b>	Winner of poster presentation in Elixir
<b>2018</b>	Runner of front-end development event at MIT, Chennai

## Certifications

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Udemy:

- |                              |                               |                             |
|------------------------------|-------------------------------|-----------------------------|
| • <a href="#">React</a>      | • <a href="#">Flutter</a>     | • <a href="#">Front-End</a> |
| • <a href="#">Angular</a>    | • <a href="#">Bootstrap 4</a> |                             |
| • <a href="#">JavaScript</a> | • <a href="#">CSS</a>         |                             |

Coursera:

- |   |  |
|---|--|
| • <a href="#">Arduino and C Programming</a> | • <a href="#">IOT and Embedded Systems</a> |
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## Interests & Hobbies

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