

NITHYA SAMADHI LOKUGE

Website: <https://nithyalokuge.com> | **LinkedIn:** <https://www.linkedin.com/in/nithyalokuge/>

EDUCATION

Master Course: Interactive Digital Media

2024 - 2025

Trinity College Dublin, School of Computer Science & Statistics - Dublin, Ireland

- *Key projects:*
 - Cultura: Built a full-stack website for undiscovered artists to showcase their work and connect with others. (HTML, CSS, Bootstrap, JavaScript, Node.js, EJS, MySQL)
 - Westland Square Building: Designed and developed a responsive, informative and accessible website for the Westland Square Building at Trinity College Dublin. (HTML, CSS, Bootstrap, JavaScript)

Bachelor Degree: Computer Systems and Networks Security

2019 - 2024

Università degli Studi di Milano - Via Celoria, 18, 20133, Milano (MI), Italy

- **Results: 99/110**
- *Key projects:*
 - SNM (Social Network Music): Created a full-stack web application that allows users to register, create, and manage sharable music playlists using the Spotify API. (HTML, CSS, Bootstrap, JavaScript, Node.js, MongoDB)

EXPERIENCE

MUSA | FULL-STACK DEVELOPER INTERN

May 2025 - August 2025

- Collaborated with The Hunt Museum in Limerick (Ireland) on the development of “MUSA”, a web-app designed for deaf visitors to promote accessibility and inclusion in museums.
- Built the website using HTML5, CSS3, JavaScript, Bootstrap, Node.js, EJS, and MySQL, ensuring responsive interfaces aligned with WCAG accessibility guidelines.
- Implemented interactive features such as QR code scanning, speech-to-text, multimedia content, and educational games.
- Worked closely with the designer to translate prototypes into functional code and optimize the user experience.
- Successfully launched the product, which is still in use by museum visitors and well-received by both deaf and hearing users.

LANGUAGES

- **Italian:** Native
- **English:** C1 (IELTS Academic - Cambridge University Press & Assessment - 16 Mar 2024)

TECHNICAL SKILLS

- **Front-end:** HTML5, CSS3, JavaScript, Bootstrap
- **Back-end:** Node.js
- **Databases:** MongoDB, MySQL
- **Design & Multimedia:** Autodesk 3ds Max, Adobe Premiere Pro
- **Development tools:** Visual Studio Code, Git, Figma
- **Other tools & languages:** Processing, Web Content Accessibility Guidelines (WCAG), UX/UI Principles

CERTIFICATIONS

ICDL Modules - The Digital Skills Standard:

- **IT-Security / Cyber Security** (AICA - 12 April 2017)
- **Presentation** (AICA - 12 April 2017)

- **Online Essentials** (AICA - 15 March 2017)
- **Spreadsheets** (AICA - 15 February 2017)

SOFT SKILLS

- **Team collaboration:**
strengthened through various group projects, including the development of websites for *MUSA*, *Cultura* and *Westland Square Building*.
- **Effective communication:**
developed through frequent oral assessments in the Italian education system and further refined during the Master's programme through project reviews, presentations, and regular interaction with colleagues and lecturers.
- **Time management:**
enhanced during a particularly demanding academic period (February - May 2025) while simultaneously working on the dissertation, group projects, and multiple individual assignments.
- **Flexibility and adaptability:**
demonstrated in managing last-minute changes and proactively stepping into new contexts.
- **Reliability:**
a collaborative and constructive attitude, with a willingness to accommodate others' needs and support the team when challenges arise.
- **Autonomy:**
exercised in handling individual assignments and specific sections of group projects independently, meeting deadlines and priorities with a strong focus on the quality of the final product.