

# Marco Nardi



Roma, Italia



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[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

Marco Nardi is a 26-year-old Software Engineer with one year of experience and a growth mindset, looking for a new opportunities to grow in his career. He is currently working for Capgemini Engineering as a Software Engineer.

## SKILLS AND LANGUAGES

**Programming Languages :** Python | C++ | Java | Javascript

**Languages:** English *B2*

**Web & Databases :** HTML5 | CSS3 | Node.js | MySQL | MongoDB | React

Italian Native

**Frameworks :** Bootstrap | Django | Spring | Jest | Puppeteer | IBM Cloud

**Technologies :** Docker | Kubernetes | Git | Postman | LaTeX

**Tools :** VSCode | IntelliJ | Pycharm | Qt

## WORKING EXPERIENCES

### Capgemini Engineering | Consultant Software Engineer

July 2021 - Present

- Development of a **Code Generator** in **Python**, for generating code in **C++**, to dynamically convert an instance of a class of classes into its JSON format, saving **over 500+ hrs/year** in the enterprise.
- Development of **CI/CD pipelines** for applications in **React**, via implementation of **Cypress**, **Jest** and **Puppeteer** frameworks on **Docker** containers hosted on GitLab for automation of Web Application Testing processes.
- Design and implementation of a **CI/CD** on GitLab to automate the Testing phase of applications developed on **Qt Creator** through the use of automated pipelines, Docker containers, and Bash Scripts that resulted in an optimization of Development time, and Software Testing, by **10%** and an overall savings of **1000 hrs+/year**.
- Design and Development of Test Suites in **Python** and in **Node.js** for Application Testing of Web applications or developed in Qt Creator as well as validation of their Software Requirements.
- **Capgemini SWE Academy Trainer of C++ and Python:** Assistant and life cycle supervisor of the Academy projects, writing study materials, and co-trainer of new hires.

## PERSONAL PROJECTS

### Academy Project | (App with a GUI in C++)

Work Project | ( [GitHub](#) )

- Development of a **C++ application** with an interactive **GUI** allowing users to create and assign a work-package to a Thread.
- The user chooses and selects among multiple sorting algorithms and difficulties and, the application, monitors the progress of each thread created by the user by showing its associated progress bar and its info within a table.
- The application was used, along with an **SRS** and various **UML** diagrams, as the final project of Capgemini Engineering SWE Academy 2022.

### Car Dealerships Web App | ( Full Stack Cloud Website )

Project for the course "Full Stack Cloud Development Capstone Project" of IBM Cloud | ( [GitHub](#) | [Webpage](#) )

- Development of a Cloud-based Website via the Django framework that would allow a user to register on the site, view and filter the various car dealerships based on certain criteria, add their own reviews visible to all other users, and read those of other users.
- The site uses a **Database** on Cloud platform to be able to manage the various Dealerships and Reviews objects, and a Sentimental Analyzer on Cloud to be able to understand whether the reviews are positive, negative or neutral from the text.
- **Used:** HTML, CSS, Bootstrap, Javascript, Python, IBM Cloud Functions, Django, Docker, Kubernetes, REST API.

## EDUCATION AND CERTIFICATES

**Degree:** University of Tor Vergata - Rome | **Bachelor Degree in Computer Science** | Sep 2016 - Feb 2021

**My Certificates Earned:** [Coursera](#) | [Pluralsight](#)