



Hello,
I'm Bradley Camilleri.

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Nationality: Maltese

Natural Languages: Maltese
and English

Markup Languages: HTML,
CSS

Programming Languages: Java, Python, C#,
JavaScript, TypeScript

Databases: PostgreSQL, MySQL, MongoDB

JavaScript Frameworks: ReactJS, Angular, NodeJS

Cloud Providers: Azure, Amazon Web Services

For a better view of my resume and portfolio, please go to my website, camilleribrad.com

Work Experience

JULY 2023 - SEPTEMBER 2023

Faculty of Engineering, University of Malta – I.T. Internship

During this internship, I built a **full-stack web application from scratch** to view the data being sent by the medical transporters that were being developed for the **ICECAP** project by the Electronic Systems Engineering department. The cloud service provider I chose to handle this system's backend was **Amazon Web Services** and the front end was developed using **Angular**. Since the internship was only three months long, good **time management skills** were needed in order to build such a system within the given time frame.

JULY 2021 - SEPTEMBER 2022

Arkafort – Technical Support Agent - Service Delivery

Whether you are working as an IT Helpdesk agent or a Software Developer, one must be a **quick thinker** and be able to figure out the solution to a problem in the **shortest time possible** while, at times, being given **very few clues** as to what the problem may be. **Documentation** of the work that was done was also given a lot of importance and this correlates with a software engineering job as documentation allows others to make use of and improve your work.

As one can imagine, **communication** was also very important in this job both to assist clients and also to communicate internally with other teams when certain issues require their input for a resolution and the same applies to a software engineering job. Finally, while assisting clients, it was important to follow the necessary **policies and procedures** to ensure that assistance was given in an appropriate and secure manner.

Education

SEPTEMBER 2022 - ONGOING

University of Malta – B.Sc. IT (Hons) - Software Development

De La Salle College Sixth Form

Matriculation Certificate Results, awarded by the University of Malta (MATSEC Department):

- Advanced Computing: A
- Advanced Pure Mathematics: A
- Intermediate Psychology: B
- Intermediate Physics: A
- Intermediate English: C
- Intermediate Systems of Knowledge: B

Portfolio

Music Machine

The music machine is a game written in Python that, given a set of locally stored music files, plays a random song for a brief duration of time and allows the player to guess the correct song from a selection of three songs (all of which are music files provided to the game). It also allows users to create teams and compete with each other to see who can guess the most correct songs.

This project was developed before I had even entered sixth form meaning that there was still a lot for me to learn at the time. Hence, three years later, during the first year of my software development course, I re-developed the game, keeping the same idea but implementing the concepts and best practices that I was learning during the course which allowed me to put to practice what I was learning.

Miniature School Management System

This project was the first ever web application that I developed, and it was done purely out of the desire to know more about how a web application works and to learn more about what frontends and backends are and how they are developed. The frontend was developed in ReactJS, and the backend made use of NodeJS with Express for routing.

This project introduced me to JavaScript along with noSQL databases (as MongoDB was used as the database for this project). It also made me aware of the fact that the backend and frontend are two separate entities that work together to provide a uniform experience and that the frontend can be anything from a website to a desktop or mobile application.

For more of my projects, please go to my website, camilleribrad.com