

# Clara Magaldi Rodrigues

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## SOFTWARE DEVELOPER

PROGRAMMING SKILLS

COLLABORATION

LEADERSHIP

## SUMMARY

I am a graduate of Centennial College's 3-year Software Engineering Technology program with High Honours and am looking for an opportunity at **Capgemini** as a **Programmer / Developer Consultant**. During the program, I developed knowledge in several areas of interest required for this position, therefore, I strongly believe that I am a great fit.

I have a degree in Telecommunications Engineering in Brazil, with a 2-year exchange in Spain. This multilingual experience helped me to develop excellent communication skills. I am flexible to travel and look forward to working with talented people from all over the world.

As an engineer, I have worked in multinational companies, which has brought me extensive corporate experience, business knowledge and made me a problem-solving professional with excellent critical thinking who highly values teamwork, training, mentoring and collaborative environments.

I was also awarded for academic excellence, which proves my commitment, exceptional performance, perseverance and dedication. I am a specially organized person with proven leadership skills and ultimately a lover of process automation.

## EDUCATION

### Software Engineering Technology Diploma

*Centennial College, Toronto, Ontario, Canada*

September 2019 – December 2021

**GPA: 4.452 / 4.500**

#### Relevant courses:

- API Engineering & Cloud Computing (.NET, AWS)
- Emerging Technologies (Mongoose, Express, React, Node.js)
- Web Application Development (.NET, JSON)
- Web Interface Design (JavaScript, HTML, CSS, UX and UI Design skills)
- Advanced Database Concepts (Oracle, PL/SQL, MongoDB)
- Java EE Programming (Java/J2EE)
- Networking for Software Developers (Python)

### Bachelor of Telecommunications Engineering

*Universidade Federal Fluminense, Rio de Janeiro, Brazil*

January 2004 – December 2011

**GPA: 8.04 / 10.00**

### Bachelor of Telecommunications Engineering (exchange program)

*Universidad Politécnica de Madrid, Madrid, Spain*

September 2006 – June 2008

## TECHNICAL SKILLS

- JavaScript
- HTML & CSS
- JSON
- Database Oracle
- PL/SQL
- AWS (S3, IAM, Elastic Beanstalk, DynamoDB, RDS, Lambda Functions, Step Functions)
- .NET
- React
- Express.js
- Node.js
- MongoDB
- MongoDB
- UX Design
- UI Design
- Java/J2EE
- MS Teams
- Web Development
- Agile methodology
- Excel Visual Basic
- Google Colab
- Office365

## ACADEMIC PROJECT WORK

### **AWS Step Functions** ([https://github.com/claramagaldi/AWS-Step\\_Functions.git](https://github.com/claramagaldi/AWS-Step_Functions.git))

A state machine (under AWS Step Functions) that is triggered by the upload of an image to a S3 bucket. It uses Lambda Functions to perform actions, such as extension check, label detection, save content into DynamoDB and S3 bucket.

### **Game Survey App** (<https://github.com/claramagaldi/Game-Survey.git>)

An Express.js app that allows users to create game surveys. It is designed using a MVC structure, MongoDB database and EJS views.

## WORK EXPERIENCE

### **Senior RF Engineer**

*Tim Brasil, Rio de Janeiro, RJ, Brazil*

February 2014 - August 2019

<https://site.tim.com.br/>

I worked in the Mobile Access Engineering team focused on network quality. I was the leader of the segment responsible for the rollout projects of new sites (telecommunications towers). In this position, I developed organizational, leadership and data and project management skills. Having a creative mind, I took this opportunity to develop macros in Visual Basic that automate processes, reducing workloads for me and my colleagues. These Visual Basic projects processed data from different sources (some including Google APIs) to generate reporting and testing tools, analysis, and graphical solutions in order to assist us in making more accurate and consistent decisions.

### **Wireless Configuration Engineer**

*Huawei Technologies, Rio de Janeiro, RJ, Brazil*

April 2013 - January 2014

<https://www.huawei.com/br/>

At Huawei I worked with pre-sales on the Wireless product line for hardware, software and services solutions. In this job I started to develop my computer programming skills and created a Visual Basic tool to reduce human errors in the generation of pre-POS and BOQs. Subsequently, this code was studied by the company to assist in the development of an official tool.

## HONORS AND AWARDS

*Honours Designation: High Honours*

*Esther Whittingham Scholarship*

*CCSAI Excellence in Academics and Leadership*

*Centennial College Golf Merit Scholarship*

*Distinction in Leadership*

*Esther Whittingham Scholarship*

*Láurea Acadêmica Award*

Centennial College · Dec 2021

Centennial College · Dec 2021 · \$1,000

Centennial College · Nov 2021 · \$2,000

Centennial College · Nov 2021 · \$2,000

Centennial College · Jun 2021

Centennial College · Jan 2021 · \$1,000

Universidade Federal Fluminense · Jan 2012