



Luca-Ștefan Tamaș

Nationality: Romanian **Date of birth:** 12/07/2002 **Gender:** Male

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WORK EXPERIENCE

Full-Stack Developer

Codefy Software [16/02/2022 – Current]

City: Iași

Country: Romania

Developed Web Applications for multiple customers in domains such as business management and administration for restaurants, hotels, and marketplaces. These apps were built using **HTML**, **CSS** and **JavaScript (TypeScript)**, with **React** and **Angular** as frontend frameworks, **Node.js** with **Express** as a server environment, **MySQL** and **Postgres** for databases.

My role in the company was to come with strategic solutions for code optimization and feature integrations in all the projects that I took part using best development practices to create efficient products.

During the time at Codefy Software I learned a lot about team work, team management, the task flow and code cycle, using tools such as **Jira**, **Confluence**, **BitBucket** and **TeamCity**.

Web developer

Freelancer [02/2020 – 02/2023]

City: Iași

Country: Romania

For the most part of my freelancing career, I've worked as a **web developer** and **web designer** for multiple websites for clients and projects on Upwork. From these projects I learned how **servers** work, **internet protocols**, **databases** and web technologies using tools and programming languages such as **JavaScript**, **HTML**, **CSS**, **Node.js** and **WordPress**. Some of the websites I've built are:

1. Restaurant Casa Bolta Rece: <https://www.casaboltarece.ro/>
2. Enovis: <https://www.enovis.ro/>
3. Milan Model Nato: <https://stefannastasa.stoicately.ovh/>
4. Dinamic Stand: <https://www.dinamicstand.ro/>

Personal Projects

[2018 – Current]

I've also developed many projects with the sole purpose of learning about advanced **algorithms** and **development technologies**.

The main languages used for these projects were **C/C++** (for the complexity and computational speed) and **JavaScript** — **vanilla** and **P5.js** framework — (for **web-based applications**), alongside with **PHP**, **HTML**, **CSS** and **MySQL** for **databases**.

Some of the projects that I find more interesting because of the complexity and learning path that I took are:

- **Electron** - (team project) **C++** desktop application with GUI made with **WinBGIm** library, used to create, design, save, import/export electronic schemes ~ deeply based on **OOP** as a faculty project that required use of **GIT** and **GitHub** for team coordination: <https://github.com/LucaStefan112/Electron>
- **Product Adder** - e-platform for adding products | front-end - **React.js**, back-end - **PHP API** and **MYSQL Database**: <https://github.com/LucaStefan112/e-store-manager> ~ Actual website: <https://e-store-manager-project.000webhostapp.com/>
- **Smart-Hangman** - Hangman game with a **genetic algorithm** guesser: - <https://lucastefan112.github.io/Smart-Hangman/>
- **Gradient Descent** - Gradient Descent algorithm similar to **A.I. learning** concept: <https://lucastefan112.github.io/Gradient-Descent/>
- **Miron Invaders** - School game project made as a semester thesis ~ made only with **Vanilla JavaScript**, **HTML** and **CSS**: <https://github.com/LucaStefan112/Miron-Invaders>
- **Decimal to Floating Point** - **C++** algorithm that transforms the given number in **base2** and **HEX** form of **Floating point**: <https://github.com/LucaStefan112/Decimal-to-Floating-Point>
- **Alarm System Negruzzi** - Alarm desktop app made with **Electron.js** framework for my High School: <https://github.com/LucaStefan112/Alarm-system-for-Negruzzi>

Other projects can be found on my GitHub page: <https://github.com/LucaStefan112>

Mobile Developer

Freelancer [02/2020 – 2023]

City: Iași

Country: Romania

So far, I've published 3 apps on Google Play Store, experience that gave me the opportunity to learn about the fundamentals of **mobile development**, how to use different programming languages to create apps(**Java**, **C#**, **JavaScript**, **React Native**, **CSS**) on development platforms (**Android Studio**, **Unity3D Engine**, **Node.js**), as well as all sorts of **data structures**, **algorithms** and programming principles(**OOP**).

1. "**Blue & Orange**" - **Unity3D** based mobile game: - <https://play.google.com/store/apps/details?id=com.ParcaNu.BlueOrange>
2. "**Days Till Bac**" - **React Native Expo cross-platform** app: - <https://play.google.com/store/apps/details?id=com.daystillbac>
3. "**Should You Buy It?**" - **Android Studio native** app: - <https://play.google.com/store/apps/details?id=com.parcanu.shouldyoubuyit>

EDUCATION AND TRAINING

Bachelor's Degree in Computer Science

"Alexandru Ioan Cuza" University [30/09/2021 – Current]

Address: str. Bulevardul Carol, nr. 11, 700506 Iași (Romania)

Website: <https://www.uaic.ro/>

High School Diploma in Mathematics and Informatics

"Costache Negruzzi" National College [14/09/2017 – 25/05/2021]

Address: str. Toma Cozma, nr. 4, 700555 Iași (Romania)

Website: <http://colegiulnegruzzi.ro/>

LANGUAGE SKILLS

Mother tongue(s): **Romanian**

Other language(s):

English

LISTENING C2 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

DIGITAL SKILLS

Web

JavaScript / CSS / HTML / JSON / Web Design / MySQL / TypeScript / Node.js / Web Development / Angular Js / SQL (MySQL) / React.js / Database / API / SQL / HTML5 / Postman / RESTful api

Desktop

C++ / C / Object-Oriented Programming / Electron.js

Tools

Github / Git / Jira, Confluence, Trello / BitBucket / Teamcity

HOBBIES AND INTERESTS

Passions

Other activities that definitely helped throughout my career and professional path were:

1. Participating in different national and international algorithmic contests and Olympiads (**Catalyst Coding Contest, Hash Code, Raw Dev Hack**, etc.)
2. Founding the **Arduino Robotics Club** in my High School, and creating different **robots** and pieces of engineering as a hobby
3. Attending multiple informatics and programming clubs;

Alongside my professional life, I like to consider myself quite a **sportive person**, practicing in my free time:

1. **Karate Shotokan** (since 2018 - Black Belt);
2. Table tennis;
3. Hiking;
4. Cycling;

I also like to play an instrument from time to time, for recreational purposes (**Guitar, Piano, Drums, Flute**).