



MIHAI CÎRA

FULLSTACK WEB DEVELOPER

ABOUT

I am a passionate and accomplished **programmer** and **web developer**, experienced in tackling new challenges and building remarkable digital experiences. With a strong background in **competition** and a focus on creating intuitive applications with a keen eye for **UI/UX design**, I am driven to push the boundaries of what can be achieved.

My main technology stack revolves around **ReactJS** and **TypeScript**. I have extensive experience and expertise in utilizing these technologies to build robust and scalable web applications. Additionally, I am well-versed in integrating **RESTful APIs**, enabling seamless communication between the front-end and back-end systems. My **agile** approach to development allows me to adapt quickly to changing project requirements and deliver high-quality solutions within strict timelines.

With **teaching**, **interviewing**, and **project leadership** experience, I bring expertise in software instruction, candidate evaluation, and team coordination to my programming and web development projects.

EXPERIENCE

3SS | Web developer

August 2022 – June 2023

I had the opportunity to improve my knowledge in both web development and essential tools like Git, Jira, and Confluence. It was a highly rewarding experience, as I was able to do what I love most - web development - while also expanding my skill set. Thanks to this position, I am now well-versed in using these important tools to streamline development processes and enhance project collaboration. Unfortunately, even everything went well, due to financial issues, the collaboration had to end.

Crafting Software | Fullstack web developer internship

February 2022 – May 2022

After investing time in university learning, I sought real-life development experience and joined Crafting Software - a Cluj Napoca-based company. Working remotely from Timișoara, I was part of a seven-person team, each with their own specific tasks. At Crafting, I expanded my tech stack by learning functional programming, including the Elixir programming language and Phoenix framework. Additionally, I sharpened my ReactJS, Typescript, and Git skills.

[E-spres-oh] | iOS mobile developer internship

September 2020 – December 2020

As a first-year Computer Science student, I was eager to gain practical experience in software development and learn what it was like to work as a software developer. With this goal in mind, I immersed myself fully in real-life projects and strove to learn as much as possible. My experience included daily meetings and working in a productive environment, where I developed iOS applications and honed my skills in Swift programming language and started working with Firebase SDK.

EDUCATION

BACHELOR'S DEGREE

Computer Science

West University of Timișoara
Faculty of Mathematics and Computer Science
September 2019 – July 2022

MASTER'S DEGREE

Big Data – Data Science, Analytics
and Technologies

West University of Timișoara
Faculty of Mathematics and Computer Science
September 2022 – present

PROFILE

Timișoara, Romania | +40 736 394 784

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🌐 www.mihai.c.me

Date of birth

29 May 2000

Nationality

Romanian

SKILLS

C/C++

Python

Java

Javascript

HTML / CSS / SASS

ReactJS / Typescript

Swift

Elixir

C#

SQL

PostgreSQL

NodeJS



Certified SAFe 5 Practitioner

OTHER SKILLS

Linux, Google Firebase, Clisp, Prologue,
Websocket, EmailJS, PHP, NoSQL, Git, Tkinter,
SwiftUI, GraphQL, Solidity, Ruby, Unity,
Phoenix Framework

FOREIGN LANGUAGES

English



French



HOBBIES

Ski, swim, chess, tennis, squash, hiking, photo-video editing, tourism, gaming

LINKS

<https://www.mihai.me/>

<https://www.linkedin.com/in/mihaicira/>

<https://www.facebook.com/mihai.cira.7>

<https://github.com/mihaicira>

HISTORY

Certified SAE5 practitioner

Completed SAE 5 lessons and passed the certification exam, earning me the SAE 5 certificate.

Oxford Hack 2022 participant

Participated at Oxford Hack 2022, which took place at the University of Oxford, Oxford, UK. We built a React Web application.

CSH School Python Mentor

Within the CSH School, I taught a group of 9th graders python programming language for two months.

Zero Robotics Competition

Participated in the Zero Robotics Competition, as a member of the **CSH Robotics Team**. We made it to the semifinals.

PROJECTS

Center of francophone studies | serverless website platform

The Center of Francophone Studies aims to carry out a comprehensive and coherent research program in the field of francophonie from the perspective of interculturality and interdisciplinarity. The project has been built by a team of six people whose team leader was me.

The project subject belongs to the Faculty of Letters, History and Theology within West University of Timisoara. We developed the product via a partnership between that faculty and my faculty, within a certain subject matter.

The website is a complex online platform that manages some processes that in the past have been dealt with manually. It has plenty of systems, such as a user account system based on roles, each role having its responsibilities.

Technologies

HTML
CSS
JAVASCRIPT
JQUERY
FIREBASE

Remigoo | serverless web-based appointment system

Remigoo is a web-based appointment system website that operates as a third party for a fictional cinema.

It has been created in 2021-2022 by three students, a team which I led. Users can create their own accounts if they want to, book tickets to certain movies and visualize their history on their profile page.

It uses Firebase's databases for data persistence.

Technologies

HTML
CSS
JAVASCRIPT
REACTJS
FIREBASE

Guildhall | web-based company management tool

Guildhall is a project that I worked on during an internship. The application's main purpose is to keep track of PTOs (paid time off) of the employees, interacting directly with Google Calendar API. I worked both on the front end (React) and the back end (Elixir) side. The team was made up of seven people, having daily meetings and weekly demos.

Technologies

HTML
CSS
JAVASCRIPT
REACTJS
TYPESCRIPT
ELIXIR
POSTGRESQL
GIT
GOOGLE CALENDAR API

Academic papers

- **Law of Large Numbers**, Mihai Cîra;
- **Chaotic Boltzmann Machines**, Mihai Cîra & Alex Măcrescu;
- **Comparative Analysis of Clustering Algorithms: Insights from Healthcare Data**, Mihai Cîra;
- **Exploring Clustering Algorithms for Textual Data: A Comparative Study**, Mihai Cîra

More projects and academic papers can be found on my website:
<http://www.mihai.me>