

Rares Cozma

St. Gladiolelor 1A, 5G, apt. 14, Alba Iulia, Romania

☎ +40 747 584 319 | ✉ cozmarares11@gmail.com | 🏠 raru.dev | 📱 CozmaRares

Summary

Currently a student. Self-taught web developer, wanting to break into the industry. Passionate about customizing all of the development environment. Interested in learning new languages, technologies and tools; just for the fun of it.

Skills

Front-end	HTML5, CSS3, JavaScript/TypeScript, React, TailwindCSS
Back-end	Node.js, Express, Next.js, Vite
Programming	C/C++, Java
Tools	Git,
Languages	Romanian, English

Education

TUCN (Technical University of Cluj-Napoca)

Cluj-Napoca, Romania

B.S. IN COMPUTER SCIENCE

October, 2021 - present

- C Programming
- Java Programming
- Assembly Language Programming
- Data Structures and Algorithms
- Databases
- Computer Architecture

Personal Work

Beer Pub Landing Page

[HTTPS://GITHUB.COM/COZMARARES/BEER-PUB](https://github.com/CozmaRares/beer-pub)

- Created a stylish mock website for a beer pub.
- Implemented a responsive layout with a mobile-first approach using TailwindCSS.
- Conducted performance audits and generated Lighthouse reports to ensure website performance.
- Deployed to GitHub Pages
- Tech stack: React, TailwindCSS, Vite, Git, GitHub Pages

NFT Market Landing Page

[HTTPS://GITHUB.COM/COZMARARES/NFT-LANDING](https://github.com/CozmaRares/nft-landing)

- Developed a simple and responsive landing page for a NFT marketplace.
- Enforced code quality and consistent formatting with ESLint and Prettier.
- Collaborated with a Figma design template, following design guidelines closely.
- Tech stack: React, TailwindCSS, Vite, Git, GitHub Pages

Chess Game

[HTTPS://GITHUB.COM/COZMARARES/CHES](https://github.com/CozmaRares/chess)

- Created a minimalistic server for a chess game and a corresponding website with various features, including game initiation, participation, and local gameplay.
- Hosted the application on AWS, utilizing Route 53 to direct traffic to an EC2 instance.
- Utilized a technology stack that included TypeScript, React, TailwindCSS, Vite, Express.js, Socket.IO, and Vitest.

HTTP Server in C

[HTTPS://GITHUB.COM/COZMARARES/C-SERVER](https://github.com/CozmaRares/c-server)

- Designed and implemented an HTTP server in the C programming language.
- Utilized a file-based routing system for serving static content like HTML, CSS, and JavaScript files.
- Offered flexibility by allowing developers to define custom routes for dynamic server-side functionality.
- Project aimed to gain a deep understanding of HTTP mechanics and server-browser communication.

Pseudocode Interpreter

[HTTPS://GITHUB.COM/COZMARARES/PSC-INTERPRETER](https://github.com/CozmaRares/PSC-Interpreter)

- Developed an interpreter for a dynamic programming language based on pseudocode syntax, with customizable error messages, function names, keywords, and primitive types.
- Initiated the project to create a tool for studying pseudocode and checking answers for a high school computer science exam.
- Developed the interpreter using C++ due to its ability to handle complex tasks, memory management with smart pointers, and high performance.
- Achieved the goal of creating a valuable study tool for preparing for the computer science exam and earned a high school certification through this project.

Certifications

Certificate of Professional Competence

- Attained proficiency in Microsoft Office Suite, encompassing Word, Excel, and PowerPoint, for document creation, data analysis, and effective presentations.
- Mastered relational database design principles, showcasing expertise in designing and implementing efficient data structures and SQL query writing.
- Successfully completed a personal project: a dynamic programming language interpreter, featuring customizable error messages, function names, and data types, demonstrating advanced coding skills.

ROMÂNIA
MINISTERUL EDUCAȚIEI

Seria Ag
Nr. 0000334

**ATESTAT
DE COMPETENȚE
PROFESIONALE**

D-lui **COZMA F. RAREȘ**
absolvent al (a) COLEGIUL NATIONAL "HOREA CLOSCA SI CRISAN"
CIF

4	6	1	3	3	9	3
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din localitatea ALBA IULIA județul ALBA
filiera TEORETICĂ profilul REAL
specializarea MATEMATICĂ INFORMATICĂ INTENSIV ENGLEZĂ
CNP

5	0	2	0	6	2	9	0	1	1	5	1
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ATESTATUL DE COMPETENȚE PROFESIONALE
eliberat de COLEGIUL NATIONAL "HOREA CLOSCA SI CRISAN"
în urma rezultatelor obținute la examenul din sesiunea MAI 20.21.
organizat la COLEGIUL NATIONAL "HOREA CLOSCA SI CRISAN"
din localitatea ALBA IULIA județul ALBA
dobândind I. REALIZAREA MANAGEMENTULUI SITE-URILOR WEB, SISTEMELOR DE OPERARE A CALCULATOARELOR
II. FURNIZAREA FACILITĂȚILOR DE PROCESARE A DATELOR, INCLUSIV A SERVICIILOR SUPOORT.

PREȘEDINTELE COMISIEI,
L.S. PROF. SORIN-DUMITRU SCHIAU
Nr.
Data eliberării: anul 20.21., luna IULIE, ziua Semnătura titularului

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