

# Codreanu Daniel Romeo

## Profile Summary

Junior Web Developer with a self-taught background and hands-on experience building responsive websites and small web applications using **JavaScript**.

Certified through a **professional software development specialization program** recognized by the Romanian Ministry of Education (Diploma no. 0227552 / 19 Nov 2024).

Basic experience with **Astro (SSR)**, **React**, **Next.js**, and **Laravel (PHP)**, including working with **SQL and NoSQL databases**, APIs, authentication, and modern deployment platforms.

**Open to junior roles, internships, and freelance opportunities.**

## Frontend

- JavaScript (ES6+), TypeScript
- React (hooks, state management)
- Next.js (hybrid rendering: CSR, SSR, SSG, App Router)
- Astro (SSR)
- HTML5, CSS3
- Tailwind CSS, Bootstrap, Sass (SCSS)

## Backend

- Laravel (PHP): MVC, routing, controllers, Blade, Eloquent ORM
- Authentication & authorization
- Database migrations, seeders, factories
- Node.js, Express.js (basic REST APIs)

## Databases

- SQL: MySQL, PostgreSQL
- NoSQL: MongoDB (Mongoose ODM)

## Version Control & Tools

- Git & GitHub (branches, commits, pull requests)
- Vercel, Netlify (deployment)
- API integration (REST, third-party APIs)

## **Programming Paradigms & Architecture**

- Procedural, functional, and object-oriented programming in JavaScript
- Object-oriented PHP development using MVC (Laravel)
- Component-based architecture (React, Next.js, Astro)
- Understanding of CSR, SSR, and hybrid rendering approaches

## **Other Skills-Data & Analytics**

- Statistical analysis fundamentals
- SPSS (Descriptive and Inferential Statistics)
- R (data analysis and basic visualization)

## **Projects**

*(Personal & Course-Based)*

### **Property Pulse (Next.js App) — Course Project**

- SSR real estate application built with Next.js
- Features authentication (NextAuth), protected routes, database integration (MongoDB), image management (Cloudinary), search, bookmarking, and maps
- Demonstrates hybrid rendering concepts (SSR, CSR)

### **Cryptocurrency Tracker (React App) — Course Project**

- Client-side React application consuming the CoinGecko API
- Data fetching with useEffect and dynamic UI updates

### **Astro Culinary Blog (Astro App) — Personal Project**

- SSR blog-style website built with Astro
- Dynamic content rendering and clean, responsive UI

### **Data Collection App (Laravel (PHP)) — Personal Project**

- A demo Laravel-based data collection app, built respecting MVC pattern
- Form submissions are validated server-side and data is stored in a MySQL database.

**Portfolio :** <https://webdevstart.com>

**More on GitHub:** <https://github.com/RCD-2023>