

# Dehelean Rares Catalin

Passionate full-stack developer focused on building secure and user-friendly applications.

 drcatalin00@gmail.com

Personal website

0763720411

 GitHub

## Professional Experience

Frontend Developer, **IT Perspectives** Aug 2022 - Apr 2023

- Contributed to the frontend team of a **Concrete Management platform**, an innovative solution for delivery, ordering, reporting and quality verification of construction materials.
- Refactored core components, aligning them with emerging business requirements. The result: significantly improved code reusability, maintainability, and readability.
- Implemented new interfaces focusing on achieving seamless integration, utilizing React, Redux, and Primefaces.
- Conducted code reviews and facilitated the onboarding of new team members.
- Enhanced team productivity by automating library organization and import processes.

Software Dev Intern, **IT Perspectives** Jun - Aug 2022

- Learned the fundamentals of web development and how to apply them in real projects.
- The final project consisted of a web application for managing the orders of a bookshop. I turned the provided layouts into web pages, developed a REST API, and integrated third-party libraries.
- Achieved a record internship completion and initiated collaboration with a Scrum team to develop a Concrete Management Platform.

## Selected Projects

### Personal Portfolio

- A personal portfolio website built with Next JS, Tailwind CSS, and hosted on the Vercel platform.

### Smarald e-learning platform

- A video-based platform that facilitates collaboration between teachers and students through features such as course sharing, activity monitoring, caption generation using NLP models, statistics generation, and multi-vendor authentication.
- Built with security and ease-of-use in mind, using React, Node Js, Primefaces, Google Cloud and Deeprgram SDK.

### CoachAI

- CoachAI's mission is to help people achieve their dream physique by providing a personalized fitness journey.
- I built this product using React-native and Expo, focusing on offline functionalities and Spring Boot with PostgreSQL on the backend.

## Skills

### Programming Languages

Javascript, TypeScript, Java, HTML, CSS, Sass, SQL.

### Frameworks & Libraries

React, Redux, Next Js, React Native, Express Js, Spring Boot, i18next, Primefaces, Tailwind.

### Tools

Git, GitHub, Google Cloud, Vercel, PostgreSQL, Azure DevOps, Jira, Npm, Webpack, Figma.

## Education

Oct 2023 - Feb 2024

### Full-Stack Development Bootcamp, Betfair

A great opportunity to improve my skills in computer science, browser engines and programming languages.

2019 - 2023

### Technical University of Cluj-Napoca

Bachelor of Engineering - BE, Automation and Computer Science.

## Mentoring

### Technical University of Cluj-Napoca

Tutored international students, helping them to understand C++, computer science and linear algebra.