

Rares Sandu

Bucharest, Romania

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Summary

A proactive team player with excellent adaptability to dynamic environments, looking for a rewarding professional development opportunity.

Self-trained web developer at the start of my career, eager to exercise my creativity and problem-solving skills in a collaborative environment.

Motivation and encouragement to deliver results are crucial qualities that I exhibit. I am self-driven and self-reliant, collaborative and have good interpersonal skills.

Experience



Senior Consultant

Deloitte Digital Romania

Jun 2022 - Present (5 months +)

Still enjoying coding :)



Full Stack Engineer

Deloitte Digital Romania

Apr 2021 - Jun 2022 (1 year 3 months)

- Developed React.js frontend components (class and functional), keeping them flexible and reusable. Maintained admin dashboard, wrote unit/integration/e2e test cases.
- Developed a scalable backend interface that interacts with the frontend using NestJS, Typescript, TypeORM.
- Deployment standardization and speed optimization using Gitlab runners, Google Cloud Platform, Terraform, and Docker.

Main Stack:

- React.js, React-select, Redux, Context API, Bootstrap, Sass
- Node.js (ExpressJs), NestJs, Typescript
- SQL and NoSql (PostgreSQL, MySQL, MangoDB)
- Testing: Jest, Mocha
- Docker, Ngnix, Terraform
- Deployment: GitLab Runners, GCP, Cloud Run, Cloud SQL, Api Gateway



Full-stack Developer

IOS

Feb 2021 - Apr 2021 (3 months)

- With NextJS as the main tool, I worked on optimising and developing a casino platform online.
- Maintaining admin dashboard, metadata, and creating test cases (both unit and integration).

The tools I used :

NextJs, ReactJs, Redux, Redux-Form, Redux-Thunk, Reselect, SCSS, Bootstrap, Postman, NodeJs, Server Side Rendering, SEO Friendly Web-App Development

Frontend Web Developer

Freelance

Dec 2019 - Apr 2021 (1 year 5 months)

From December 2019 I started learning web development, HTML, CSS, JavaScript, NodeJs, PostgreSQL, etc. out of pure passion and desire to work in this field. I am still at the beginning of my career, but I aim to learn something new every day. If you want to see my results please access my portfolio.

My favourite tools are:

React + Redux

Reselect/Redux-Form/React-Router

Node.js

Express.js

PostgreSQL

AWS

Firebase

Server-less Architecture

MongoDB

New Portfolio: <https://raessanduconstantin.github.io/portofoliu/>

Old Portfolio: https://raessanduconstantin.github.io/modern_portfolio/index.html

Education



University POLITEHNICA of Bucharest

Master's degree, Chemical Engineering

2018 - 2020

I finished the master at "Universitatea Politehnica din București" with the maximum grade, presenting a paper entitled "Composite materials for photovoltaic devices" where I detailed the latest research and development of the state of the art for these devices.



University POLITEHNICA of Bucharest

Bachelor of Applied Science - BASc, Chemical Engineering

2014 - 2018

The project I made for the bachelor's degree was entitled "Perovskit Solar Cells!", which has been an analysis of research and development of the state of the art for these devices. This was concluded by manufacturing a device for converting solar energy into electrical energy and characterizing it by various methods.

Administrative and Services Highschool „ Victor Slavescu" , Ploiesti

High School Diploma, Mathematics and Computer Science

2010 - 2014

- Focus of mathematics and informatics
- HTML course
- CSS course
- JavaScript course
- C++ course

Licenses & Certifications

 **Certificate of Completion - The Complete Web Developer in 2020: Zero to Mastery** - Udemy

UC-7a1618c9-8a6a-484a-93ba-c59d2837b524

 **Certificate of Completion - Advanced JavaScript Concepts** - Udemy


UC-6181a3c9-2981-4fa8-859b-80b5857ddf74

 **Certificate of Completion - MERN eCommerce From Scratch** - Udemy

UC-68fdd035-6a47-4442-8f9c-788c85c72930

 **Certificate of Completion - Angular Front To Back** - Udemy

UC-0bdbd75f-e444-4858-ae37-c8ed4c188a9e

 **Complete React Developer in 2021 (w/ Redux, Hooks, GraphQL)** - Udemy

UC-699f74fd-75ff-4acd-9969-a3494b75d028

 **Certificate of Completion - The Complete Junior to Senior Web Developer Roadmap (2021)** - Udemy

UC-5052f01d-a09b-44b3-b965-d701705fb037

Certificate of Completion - JavaScript: Classes

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Skills

JavaScript • Web Development • React.js • Engineering • Research • Chemistry • Research and Development (R&D) • Materials Science • Nanotechnology • Characterization