

Cristian Dumitrana

Cluj-Napoca · România

☎ (+40)755-811-051 | ✉ raducristiandumitrana@gmail.com | 🏠 cristianrdu.github.io | 🐙 github.com/cristianrdu

About Me

A passionate software developer with strong troubleshooting skills, a solutions-oriented mindset and direct approach to design and implementation. Interested in devising efficient problem-solving methods for challenging tasks and learning new technologies and tools if the need arises.

Work Experience

Fx Bits

Cluj-Napoca, RO

FULL-STACK SOFTWARE DEVELOPER (React, NextJS, Angular, React Native, NodeJS, SASS, Tailwind)

Apr. 2022 - Present

- Architected & developed the client-side payment system for Africa's top mobile game publisher.
- NodeJS services for client apps.
- Angular web apps development for corporate output management.
- Direct customer engagement & end to end feature ownership.

Porsche Engineering

Cluj-Napoca, RO

FULL-STACK SOFTWARE DEVELOPER (Angular, React, NodeJS, HTML5/JS, SASS)

Aug. 2021 - Apr. 2022

- Development of HMI and web applications for the next generation of the Porsche Infotainment System.
- Integration of 3rd-party-products and design & development of modules and subsystems.
- Collaboration with international teams on developing new and existing client projects.

Redmayne Bentley

London, UK

SOFTWARE DEVELOPER - DEV AND SUPPORT TEAMS (C#/.NET, React, NodeJS, HTML5/JS, COBOL)

Jul. 2019 - Jul. 2020

- Built and deployed a NodeJS web app tool that automates the renaming of daily investment research documents based on their content.
- Collaborated with a team member on developing and implementing critical data file monitoring of company-wide software, which minimised potential impact of business operations.
- Enhanced the development platform to analyze real-time use of client data files, making it easier for the team to track current system access.

Technical Skills

Web & Design	HTML · CSS · JavaScript · TypeScript · Bootstrap · Material-UI · Sass · Tailwindcss · RadixUI
Databases	SQL · MongoDB · Firebase · MySQL
Technologies	NextJS · Angular · React · KoaJS · ExpressJS · JestJS · TRPC · Turborepo · Docker · Prisma
State Management	NgRx · Redux · Jotai Atom
VCS	GIT · TFS
Miscellaneous	GitLab · BitBucket · Azure DevOps · Linux · Agile Development · Vercel · Lighthouse performance testing

Personal Projects

Food Assistant – Extensive web application for generating personalised recipe suggestions. Developed with React, Redux, Firebase and Material-UI.

E-commerce Web App – Web application developed with React, Redux for scalability, Stripe API payments integration, Firebase for authentication/data persistence and deployment on Heroku.

Yelp Camp – A RESTful web application using NodeJS, Express, MongoDB and deployment on Heroku.

Sign Language Digits AI Classification – Neural network for classifying sign language digits developed with Python, TensorFlow and NumPy. Link to project repository [here](#).

MNIST Data AI Classification – Neural network for classifying handwritten digits developed from scratch with Python, TensorFlow, PyTorch and NumPy. Link to project repository [here](#).

Shortest-Path Matrix Game – A matrix-based shortest-path finding game with implementations of Dijkstra's algorithm, Ant Colony Optimization algorithm and an algorithm using heuristics. Developed with Python and NumPy. Link to project repository [here](#).

GARITS - A garage IT system application developed with Java, JavaFX and PostgreSQL.

Education

City, University of London

London, UK

HONOURS BACHELOR OF COMPUTER SCIENCE

- Overall Grade: First Class Honours