

# Cristian-Ștefan Tudor

26/12/1994

*Web developer*

Bucharest, Romania

[portfolio-tudor-cristian.netlify.app](https://portfolio-tudor-cristian.netlify.app)

[cristi\\_tcs@live.com](mailto:cristi_tcs@live.com)

[github.com/cristianstudor](https://github.com/cristianstudor)

0746685365

## PROJECTS

### **Share Clips: an application for uploading videos and sharing them with the world.**

- Adding Firebase database for storing the user data and the videos uploaded by the users.
- Full stack development using Angular, RxJS, Google Firebase.

### **Clothing Store: a complete e-commerce application with Stripe payments.**

- Adding Firebase database for storing the user data and the application data.
- Full stack development using React, Redux, TypeScript, Google Firebase.

### **Smart Brain: a facial recognition app that uses a deep learning API to detect faces.**

- Creation of a back-end server and PostgreSQL database for storing user data.
- Full stack development using React, Node, Express, PostgreSQL.

### **Space Launches API: an API for serving a front-end application that schedules missions.**

- Parse data from a CSV file, get data from a paginated API and mapping it to the database.
- Add new launch data that is coming from the front end to the database.
- Back-end development using Node, Express, MongoDB.

## PROGRAMMING EDUCATION

### **The Complete Angular Developer: Zero to Mastery – Udemy, ZTM**

- Learning Angular, Forms, Routing, Directives, Pipes, Services.
- Using RxJS and Streams in applications.

### **The Complete Web Developer: Zero to Mastery – Udemy, ZTM**

- Learning Javascript, ES6 - ES2022, DOM manipulation, Github.
- Learning HTML5, CSS3, Flexbox, CSS Grid, Bootstrap, SASS.
- Understanding OOP(Object Oriented Programming), Functional Programming.

### **Complete React Developer – Udemy, ZTM**

- Learning React Hooks, Context API, Redux, Redux Thunk, Redux Saga, Reselect.
- Using GraphQL + Apollo Client as an alternative for Redux.

### **Complete NodeJS Developer – Udemy, ZTM**

- Learning Node and working with streams, Express, Express Routers, RESTful APIs.
- Using MongoDB and Mongoose Models to add data persistence.
- Improving Node performance with load balancing, managing live clusters with PM2.
- Testing Node APIs with Jest and Supertest, building out a CI pipeline on GitHub.
- Managing Docker Containers, deploy to production with Docker to Amazon AWS EC2.
- Understanding Sockets, implementing namespaces and rooms using Socket.io.
- Understanding security first principles with JWT, cookies, OAuth.

### **Javascript: The Advanced Concepts – Udemy, ZTM**

- Understanding Call Stack + Memory Heap, Execution Context, Scope Chain, Hoisting
- Dynamic vs Lexical Scope, Closures, Prototypal Inheritance, Class Inheritance
- Memoization, HOF, Callbacks, Promises, Async/Await, Event Loop + Callback Queue

### **DevOps Bootcamp: Learn Linux & Become a Linux Sysadmin – ZTM**

- Learning all important Linux commands, understanding the Linux filesystem
- Process management, User account management, Software management
- Networking in Linux, System administration, Bash Scripting, Linux Security

## **EXPERIENCE**

### **2023 – current Frontend Developer – Web Production Labs, Bucharest**

- Writing well designed, testable, efficient code by using the best software development practices.
- Create responsive website layout/user interface by using Angular, RxJS, HTML/CSS.
- Integrate data from various back-end services and databases.
- Responsible for maintaining, expanding, and scaling the applications.
- Good cooperation with web designers to match the visual design intent.

## **EXPERIENCE IN THE AUTOMOTIVE FIELD**

### **2017 – 2023 CAD 3D Engineer, Automotive Packaging – Expleo Romania, Bucharest**

- Ensuring the convergence between the departments involved in the development of a sector of an automobile.
- Finding problems and presenting them, offer solutions and reach a common ground that satisfy all the involved departments and their specific requirements.

- Ensuring that the rules of quality and control are followed.
- Development of 3D packaging specific deliverables on Dacia / Renault projects.

## EDUCATION

### **2017 Higher Education – Polytechnic Institute of Bucharest**

- Automotive Engineering

### **2013 High School Diploma – Theoretical High School "Nicolae Iorga", Bucharest**

- Mathematics and Computer Science