

Cristian-Ștefan Tudor

26/12/1994

Web developer

Bucharest, Romania

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PROJECTS

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 Web Developer: Zero to Mastery – Udemy, ZTM

- Learning Javascript, ES6 - ES2022, DOM manipulation, Github.
- Learning HTML5, CSS3, Flexbox, CSS Grid, Bootstrap, SASS.
- Understanding OOP, functional programming, scope chain, prototypal inheritance.

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.

EXPERIENCE IN THE AUTOMOTIVE FIELD

2017 – 2022 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