

# Andrii Shmalun

## Full-Stack Web Developer

Full-stack Developer with a background in Computer Science and Electronics Engineering. Efficiently resolving issues that arise through organizational and analytical skills.

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### EDUCATION

#### Full-Stack Web Development Program

CareerFoundry

2022 Berlin, Germany

##### Project 1: Movio API

Movie database app that allows users to view movies and add to their favourites.

Created a RESTful API based on Node.js and Express that accesses a noSQL database (MongoDB) via common HTTP methods. The database uses CRUD operations for manipulation and provides data in JSON format.

Tools: Node.js, Express, Mongoose, Postman for API testing, Passport for HTTP authentication and JWT token, Bcrypt for password hashing, Express-Validator for input validation.

##### Project 2: Movio App

Client-side for an app based on its existing server-side code (REST API and database).

After the user creates an account, the app provides information about selected movies, as well as the respective directors and genres, allowing the user to add/remove favourite movies and manage personal account data.

Created Main view and Single movie view with React and React-Redux

Tools: React, React Bootstrap, React-Redux, Parcel.

##### Project 3: React Native Chat App

Chat app for mobile devices built with React-Native. The application provides users with a chat interface where they can send and receive text messages and images as well as share their location.

- Worked with existing UI deliverables to create components using multiple emulators Expo CLI, Xcode and Android Studio
- Implemented chat functionality by setting up a database with Firestone and implemented Gifted Chat to improve the chat’s visual content
- Implemented communication features by creating an Action Sheet that contains the code allowing users to take/send images and share their location

Tools: Expo CLI, Xcode, Android Studio, Firebase, Expo Go

#### Web Development Course

Juno College

2021 Toronto, Canada

#### Bachelor’s degree, Computer Networks and Systems

Zaporizhzhian Institute of Economics and Information Technologies

2010 Zaporizhzhya, Ukraine

### EXPERIENCE

#### Freelance Web Developer

May 2021 - present

- Developing web pages to client specifications.
- Handling various projects on different stages of development (WordPress, React).
- Fixing problems with existing projects.

#### Carpenter

Apr 2015 - May 2021 - Toronto, Canada

- Installed structures and fixtures, such as windows, doors, framing, trimming, and moulding.
- Determined material needs, estimated production costs, and prioritized tasks to reduce project delays.
- Interpreted woodworking blueprints and project specifications to deliver top-notch results.

#### Electronics Engineer

Motor Sich

Sep 2008 - Mar 2015 - Zaporizhzhya, Ukraine

- Performed repairs and programming on CNC machines, diagnosed problems, inspected and tested equipment and replaced parts to make adjustments
- Performed maintenance procedures on a wide range of Xerox products. Investigated electrical and electronic failures ensuring safety procedures were met and product were safe to use

#### Client-Side

HTML

CSS

Javascript

React

React Native

Angular

TypeScript

Bootstrap

#### Server-Side

NodeJS

MongoDB

Rest API

Firebase

#### Tools

Visual Studio

Postman

Figma

Adobe After Effects

#### Social

[LinkedIn](#)

[GitHub](#)