**David Nitu**

Student in Birmingham, United Kingdom

Email: [davidnitu44@gmail.com](mailto:davidnitu44@gmail.com) ⋅ Tel: 07456261242 | [LinkedIn](https://linkedin.com/in/david-nitu-b9a5a41b7) ⋅ [Portfolio](https://davidnitu.netlify.app/)

Skills

* JavaScript
* HTML5
* CSS3
* Git
* Bootstrap 5
* Express
* Node.js
* EJS Templating
* Bcrypt
* MongoDB
* Mongoose
* Adobe XD

Experience

Integration of APIs (or server-side)

* Implementation of authentication and authorization for a user with session integration using express session and MongoDB session store.
* RESTful routing with full CRUD operations as well as integrating web sockets for real-time data flow through the client-side.
* Creating database schema models for different use cases along with schema validation integration for security such as JOI.
* Providing security across the whole web app by integrating middleware functionality, protect routes and authorize.
* Using command line tools to setup and develop apps quicker.
* Testing functionality across all operations with modules like mocha.
* Debugging and logging with different tools like debug and log.

Integration of Front-end (or client-side)

* Adding user interaction with the website through animations, effects, etc.
* Creating and testing low-fidelity wireframe UI prototypes for websites.
* Designing high-fidelity UX for web apps using Adobe XD.
* Fetching data from API endpoints with fetch and promises or with tools like Axios
* Integrating client-side validation of data flow for forms and other input elements.
* Using ES6, ES7 features to remarkably modulate functionality such as destructuring or spreading data into objects.

Personal projects

Filmopedia *–* A search engine website that will take user input and display any movie or tv show along with further information about them. I built this with HTML, CSS, JavaScript and a touch of Bootstrap. I used the Axios library to make API calls and requests.

Meteorwear – Full responsive landing page for a space themed shoe store using CSS variables and flexbox utilities with a touch of parallax effect.

Portfolio *–* Built with simple JavaScript. I am currently working on recreating it from scratch.

Education

George Dixon Academy

* **GCSE** Mathematics – 4/C
* **GCSE** English – 4/C

Metropolitan College Birmingham

* **BTEC** Software Dev Level 3 – DM
* **BTEC** Software Dev Level 3 Extended – MMP