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Projects

Snipshare: Personal Project (Sep 2022 - Dec 2022) - [Live Preview](#)

- An app where people share their frequently used code snippets.
- It has a code editor for editing the snippet on the app.
- It includes a notifications system using **SSE**.
- It supports using **Oauth 2.0** for login with a google account.
- Users can Authorize other users to their snippets.
- Uses incremental search functionality for efficient snippet retrieval.

Algolizer: Personal Project (Feb 2023 - Mar 2023) - [Live Preview](#)

- An algorithm visualization tool to help demonstrate how algorithms work.
- Uses **React-Chartjs 2** to highlight differences in **Big-O** notation.
- It demonstrates how Big-O notation is not an accurate representation.

SmartTeam: Personal Project (Jan 2023 - May 2023) - [Live Preview](#)

- It's a team management app where users can manage projects
- It can manage tasks within projects within portfolios of projects.
- Users can Authorize other users to their projects, tasks, etc.
- User can use google and Github for **Oauth** authentication.
- Includes **JWT** for more secure authentication.
- Includes email verification upon account creation using **Nodemailer**.
- Users can assign other users to manage a specific task or project.

Skills

- **Front-End:** HTML, CSS, Sass, Tailwind, JavaScript, TypeScript, ReactJS
- **Back-End:** Node.js, Express.js, MySQL, REST
- **Miscellaneous:** Git, npm, Webpack, Vite, Linux, Vim

Education

Self Learning (May 2022 - currently)

- Gone over some HTML, CSS and JS from basics to intermediate; I've used many resources: MDN, W3Schools and various others.
- Acquired some abstractions for easier front-end development: Reactjs, Tailwind and Vite.
- Read 2 introductory books about algorithms and data structures.
- Expanded my knowlege to Back-end: Learned Node.js, Express.js and MySQL
- Picked up other 3rd party libraries along the way of making my personal projects.

Bac+2 - Development Informatique (2019 - 2021) - ISTA Marrakech SIBA

- Practiced writing and optimizing C/C++ algorithms.
- Acquired shallow understanding of SQL Server, HTML, CSS and JS.
- Built a "Fin De Formation" project in collaboration with classmates.

Languages

English: Intermediate | **French:** Basic