Ahmad Hamze

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Full Stack Developer at Endla — January 2022 - Present (2+ Years)

- Front-end development
  - Create and integrate different UI components using **styled-components**, **mui**, and **tailwind**
  - Consume back-end APIs and manage front-end caching using **Redux Toolkit**
  - Manage global states using **Jotai**
  - Create Javascript functions to be used by customers inside the application with **Ace Editor**
  - Create and manage custom tables using **Tanstack**
  - **ThreeJs** camera movement, rotation, and objects coloring depending on user input

- Back-end development
  - Create Django models and APIs using **DRF** serializers
  - File reading, data extraction and manipulation using **Pandas**

- Testing
  - Manual testing of UI and file upload and processing
  - Create **Cypress** tests

Internships

Freelance Front-end Developer, March - May 2021 (3 months)

- UI creation and integration
- Back-end APIs consumed with **Axios**

AI Engineer at Ubility, November 2020 - February 2021 (3 months)

- Visualize the data provided by the client and analyze it
- Build a recommender system to promote buying new products

Quintiq Algorithm Expert at ITS/DTP, March - June 2020 (4 months)

- Build a Quintiq application to manage the manufacturing process of a simulated company
- Build an optimizer for an application to minimize the costs of production and delivery of a product

Education

University of Bordeaux, Faculty of science and technology.
Master 2 Applied Mathematics, "Analysis, PDE and Probability", June 2018.

Languages & Tools

React, Html, CSS, Javascript, Typescript, MUI, Styled Components, Tailwind CSS, Redux Toolkit, Jotai, Django Rest Framework, SQL Server Management Studio, Jupyter Notebook, Google Colab, Pandas, Scikit-learn, Matplotlib, Seaborn, Git, Nix, Docker