



# Anas Oudsassi

Software Engineer

## CONTACT ME

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## EDUCATION

### Master's degree

Advanced Materials

Université Cadi Ayyad

Sep 2019 - Jun 2022

### Bachelor's degree

Mathematics, Physics and Computer Science

Université Cadi Ayyad

Sep 2014 - Jun 2018

## SKILLS

- **Languages:** JavaScript, HTML, CSS, Python, C.
- **Frameworks/Libraries:** Next.js, Node.js, Express.js, Tailwind CSS, Bootstrap, Flask.
- **Databases:** MongoDB, Firestore, MySQL
- **Tools:** Git, GitHub, VS Code, Postman
- **Operating Systems:** Linux
- **Other:** Firebase Authentication, RESTful APIs, JWT.

## CERTIFICATIONS

Software Engineering Program - ALX

May 2023 - Jun 2024

## CAREER OBJECTIVE

Motivated and self-taught software engineer with a strong foundation in software development gained through online courses and self-driven projects. Proficient in modern web technologies and passionate about learning new skills and contributing to impactful projects. Eager to apply knowledge and creativity to real-world challenges.

## PROJECTS

### GStore ecommerce

July 2024

- Developed a comprehensive ecommerce platform for a grocery store with functionalities to browse categories, manage shopping carts, and process payments.
- Implemented a feature to explore and filter products by categories such as fruits and vegetables.
- Enabled users to add items to a shopping cart and view them before proceeding to checkout.
- Integrated Stripe for payment processing using a test account. Implemented functionality to clear the cart and redirect to a success page upon successful payment.
- Created an Orders page to display orders post-payment, allowing users to view their purchase history.
- Developed sign-in and sign-up pages with JWT for secure user authentication.
- Technologies: Next.js, Tailwind CSS, Strapi, PostgreSQL, Stripe, JWT

### Movie Explorer

Jun 2024

- Created a web application for exploring and searching movies, providing features similar to IMDb.
- Implemented functionality to search for specific movies by title or browse through a collection of movies to discover new ones.
- Integrated functionality to view trailers and display detailed information about the movie's storyline and actors.
- Developed a personalized watchlist feature, allowing users to add movies after signing in.
- Technologies: Next.js, Firebase (authentication and Firestore), themoviedb.org API.

### Customer Management System

May 2024

- Developed a web-based application to manage customer information.
- User Authentication: Sign-in page to authenticate users.
- Manage Customers: Add, view, edit, search, and delete customer information.
- Customer Details: View detailed information about a single customer.
- Technologies: Express.js, MongoDB, HTML (EJS), CSS, Bootstrap, JavaScript.

### AirBnB Clone - The Console

Nov 2023

- Built console commands that allow the user to create, update, and destroy objects, as well as manage file storage.
- JSON serialization/deserialization for persistent storage.
- API for communication between front and backend.
- Technologies: Python, Flask, JSON, OOP concepts.

### Simple Shell

Aug 2023

- Developed a UNIX-like shell program to replicate the core functionalities of the simple shell (sh).
- Command Execution: Displays a prompt, waits for user input, and executes commands with error handling.
- Built-in Commands: Supports commands such as exit, env, setenv, unsetenv, cd, and more.
- Technologies: C Language, Ubuntu 22.04 LTS.