

# Omar Zouiche

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github.com/ZouicheOmar

https://ozdocs.fr

## Summary

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Graduate in Mathematics and a self-taught programmer with solid experience in web development. With a keen analytical mindset and strong adaptability, I thrive in collaborative environments and am driven by a passion for development and problem-solving.

## Education

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Preparatory Classes for French Engineering Schools

*Léonce Vieljeux (La Rochelle Uni. ), 2018*

BSc in Mathematics

*University of Montpellier, 2021*

MSc 1 in Mathematical Modelling & Numerical Analysis

*University of Montpellier, 2022*

## Skills

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**Languages**

Javascript/Typescript, Python, Java, C.

**Frameworks, Libraries**

React, Node.js, Express.js, Next.js, Flask, Spring.

**Tools, Platforms**

Docker, AWS, GNU/Linux, Git/Github, Google Cloud, Figma.

Fluent in French and English

## Work

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**Web Developer (Volunteer) | EIN (Student Association in Montpellier U.)**

*Mars 2023 - Sep. 2023*

- Led the full stack development of the association's website, ensuring seamless frontend design and backend integration.
- Collaborated with members to identify functional needs, enhancing the overall user experience.
- Designed and deployed scalable cloud solutions, tailoring performance to meet user demand.
- Developed and integrated a PostgreSQL database for efficient management of users and events.
- Implemented secure online payment functionality via Stripe API to streamline event registration.

**Mathematics Instructor | Acadomia**

*Sep. 2022 - Jan. 2024*

## Projects

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**Messboard - Web App**

- Designed an interactive interface with React and TypeScript for dynamic user interaction.
- Implemented a Express.js server backend for the self-hosted version.
- Integrated AWS services: S3 for media storage, Lambda for backend operations.
- Managed user data via AWS DynamoDB and established secure authentication through Clerk.