

# Khaoula BARAKA

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## Summary

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I am a software engineering student at ENSET Mohammedia, and I hold a DUT diploma in computer engineering from EST Casablanca. I have gained valuable practical knowledge in the field.

- front end development
- back-end development
- database management

## Education

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Computer engineer degree (Big data and cloud computing) from ENSET Mohammedia.

- Expected Graduation Summer of 2025

DUT at Computer Science and Engineering from Higher School of Technology of Casablanca.

- Obtained in 2022

## Internships

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- **ATTIJARI WAFABANK** Casablanca (16/08/2021 - 19/09/2021). Developed a strong foundation in big data concepts and Java programming while learning the concepts of distributed file systems, databases, and HDFS (Hadoop Distributed File System).
- **Omnicdata** Casablanca (26/04/2022 - 17/06/2021). Successfully implemented a reporting platform to measure commercial performance, facilitating data analysis and providing valuable insights.

## Experience

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**Dashboard** Developed a web application that analyzes and visualizes commercial/economic indicators from any provided dataset with a specific format. Implemented features to calculate metrics such as revenue, growth rate, and achievement rate based on various criteria like date or geographical region.

- Tech stack: Python, HTML, Plotly, Dash, NumPy, Pandas, Flask.

**java socket** Developed a Java-based chat application using sockets, enabling communication between multiple users.

- Tech stack: Java

**blogMe.** my full stack web application for blog management with user authentication.

- Tech stack: HTML, CSS, JavaScript, Bootstrap (front-end), Node.js, Express, Postman, Prisma ORM, MySQL (back-end).

## Student life and Volunteerism

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**Tallalt** Organized a Solidarity caravan to support people in a mountainous region, collecting clothes and funds. Collaborated with the JMC (Jeunesse du maroc de citoyenneté) association to ensure successful implementation and community support.

## Knowledge in Technologies and programming languages

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C, C++, Java, Html, Css, Javascript, Python, Prisma, mysql, mongodb, nodejs, express, bootstrap, pISql.