

Bakr Asskali

✉ bakrasskali@gmail.com ☎ +212 762-973-304 🔗 <https://bakrasskali.vercel.app/> in bakr-asskali-1b2975225
🌐 BakrAsskali

About me!

I'm **Bakr Asskali**, an **Artificial Intelligence engineering student** with a deep-rooted understanding of **computer science fundamentals**. **Eager** to *apply my skills*, I'm *actively seeking* opportunities to **contribute to impactful projects** and make a meaningful difference.

Knowledge

I would like to highlight my **languages** and **skills**. I am proficient in **C++**, **C**, **Java**, **Objective-C**, **C#.NET**, **SQL**, and **JavaScript**. These languages have played a significant role in my academic journey and project work, enabling me to **solve complex problems** and **develop efficient solutions**.

My skill set extends to a robust understanding of tools such as **Visual Studio**, **Microsoft SQL Server**, **Eclipse**, **XCode**, and **Interface Builder**. These tools have been essential in various projects, helping me to **design**, **develop**, and **optimize applications** effectively.

Additionally, I have experience with a variety of other **programming languages** including **Python**, **Typescript**, **Golang**, and **Ruby**, which have broadened my development capabilities.

My expertise extends to **frameworks** such as **Angular**, **Spring Boot**, **JEE**, **React**, **Express.js**, **Scikit-learn**, **Flask**, and **FastAPI**. These frameworks have been integral in creating scalable and maintainable applications.

In terms of **tools and technologies**, I am proficient in **Data Structures and Algorithms (DSA)**, **System Design**, **CI/CD**, **Nginx**, **Microservices Architecture**, **Eureka**, **Kafka**, **Airflow**, **Design Patterns**, **UML**, **SOLID Principles**, **SCRUM**, and **JIRA**. These tools and methodologies have been critical in ensuring the success of my projects.

Moreover, I have worked with several **databases** including **MongoDB**, **PostgreSQL**, **MySQL**, **Oracle**, and **Redis**, which have supported my data management and storage needs in various applications.

I have also gained valuable experience working as a **Unity developer**, where I applied my skills to create interactive and dynamic applications.

Furthermore, I am an aspiring **entrepreneur**, serving as the co-founder of a startup called **Cours AI**, with the mission of teaching people about artificial intelligence.

Additionally, I am fluent in several spoken languages, including **English**, **French**, and **Arabic**. This linguistic proficiency allows me to **communicate effectively** in diverse environments and collaborate with a wide range of individuals.

Education

BS Faculty of science and techniques, Smart software and systems Sept. 2022 to June 2025

- **Coursework:** Machine Learning, Neural Networks, Natural Language Processing, Computer Vision, Data Structures and Algorithms, Probability and Statistics, Database Systems.

Experience

Infinity solutions, fullstack developer, Intern Tangier, Morocco

- Helped make the decision-making process faster by implementing a personalized sales tab for the company. July 2023 to Aug. 2023
- Eased internal communication by developing a microphone recorder feature in the chat app. 1 month

Game Up, Unity game developer

- Contributed to the development of several useful features in upcoming games, enhancing gameplay experiences and functionality.

Tangier, Morocco
June.2024 to August 2024
3 months
Multiple projects

Freelancer, software and game development

- Worked on multiple freelance projects for various clients, providing customized solutions in software and game development.

Remote
Freelance projects

Projects

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2024

- Sites to facilitate the purchase of football club contracts with cryptocurrency payment and a recommendation system.
- Java, Python, ML, Kafka, Airflow, Go, Ruby, Rust, Spring Boot, Ethereum, Solidity, Hardhat, MySQL, SQL Server, PostgreSQL, MongoDB, JavaScript, React, Next.js.

Synchronized Calendar

2024

- SQL query optimizer using machine learning.
- Angular, ML, Python, JavaScript.

Fiverr clone

2023

- Website for freelancers.
- JavaScript, React, Express.js, Node.js, MongoDB, GraphQL, Azure.

Pong Agent

2024

- QLearning agent for the Pong game.
- Python, QLearning, Reinforcement Learning, Pygame.

BI Model for Student Success Prediction

2024

- Developed a business intelligence model to predict student success or failure at FSTT.
- Tools: Python, BI Tools, SQL, Machine Learning.

Additional Experience And Awards

Workshop animator: Taught crashcourses about some machine learning and deep learning principles.