Abdelkarim Bengherbia

Software Engineer

As a **software engineer** specialized in **web development**, and particularly enthusiastic about the **Web3** domain, I have contributed to over **45** digital projects for various clients. With **3 years** of experience, I create high–performance and secure applications, exploring the possibilities of decentralization. My work combines technical precision, optimal efficiency, and a passion for innovative **Web3** technologies.

in Abdelkarim Bengherbia   +213 540564621   Abdelkarim17B

Work experience

August 2024 – currently
President
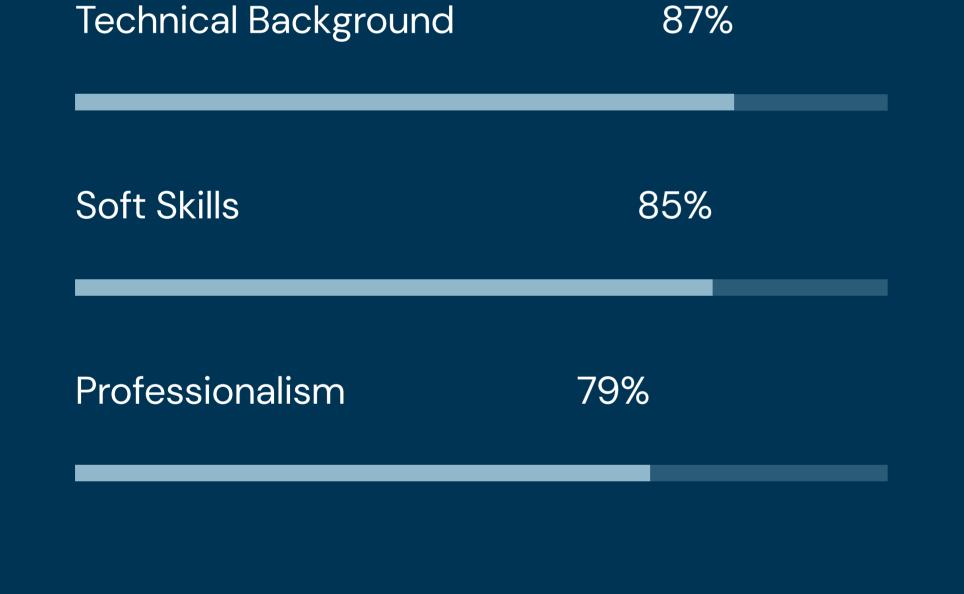**GDG - Google Developers Group Algiers**

- Leads a community of over **3000 developers** to organize tech **events** and develop innovative projects.
- Establishes partnerships and represents the club at **national** and **international** events.

July 2024 – October 2024
Software Architecte – Internship
BEYN (ex : AeBS - Algeria e-Banking Services)

- Designing custom software solutions for financial institutions such as **Société Générale Algérie (SGA)** and **Crédit Populaire d'Algérie (CPA)**. Participation in the architecture and modeling of robust systems, integrating web technologies tailored to business needs. Contributing to the continuous evolution of projects in an **Agile Scrum** environment, ensuring the technical and functional coherence of deliverables at each iteration.

March 2024 – Present
Founder and Software Architecte
Hybrid Office

- Founder of the **startup** Hybrid Office, the first online hybrid work tool in Algeria. Our organization won first place at the Ghack Developer Competition and also attracted the attention of many **investors**.

Nov 2023 – Sept 2024
Software Architecte
Doctym

- Design of the Doctym service, a medical platform available on the **web** and **mobile**.
- Creation of mockups and prototypes, as well as conducting usability tests before the platform launch.
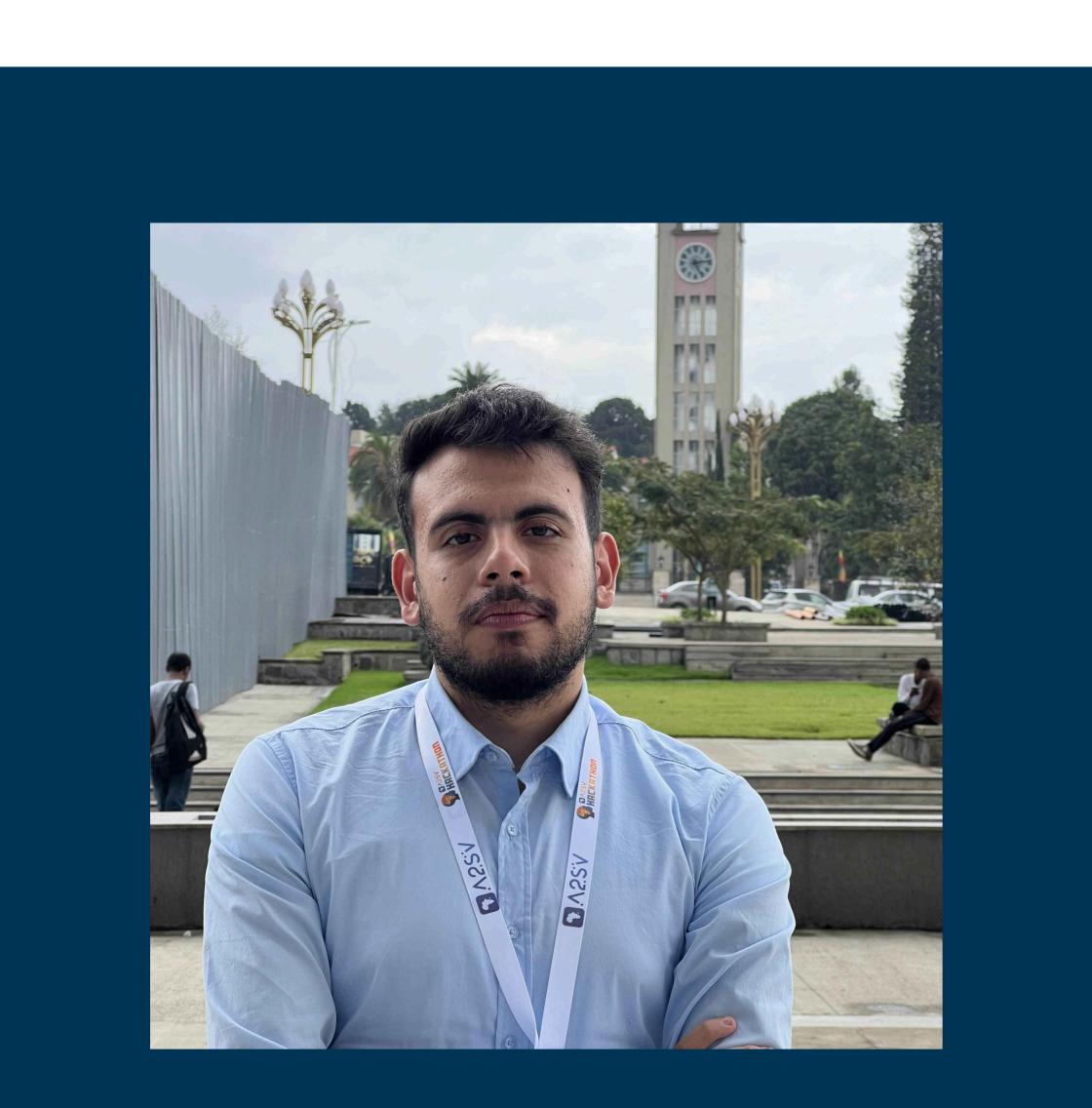
Projects

HTPL programming language   Link to the project

- The invention, design, and implementation of a compiler for the **Hyper Text Programming language HTPL**, including **lexical**, **syntactic**, and **semantic** analysis.

Contact me

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Key Competencies

Problem Solving   91%

Technical Background   87%

Soft Skills   85%

Professionalism   79%

Education

2021 – 2026
Computer Science Engineer

Master's in Computer Science, State Engineer in Computer Science, specializing in software engineering

Languages

English
Professional Level

French
Fluent

Arabic
Native Language

Portfolio Personnel   Link to the project

- Design and development using **Next.js**. Showcases over **30 UI** projects and **6 full Stack development** projects.

SELA SGA Mobile Application   Link to the project

- Design of the banking platform for Société Générale Algeria, optimizing the user experience for over **50,000** clients, with online management and interaction features.

Other projects   Link to the project

- Many other projects have been completed and published on my various social media accounts and the links above. You can check them out on **GitHub, Behance** or through my personal portfolio.

Honors and Awards

Addis Ababa, Ethiopia – Oct 2024

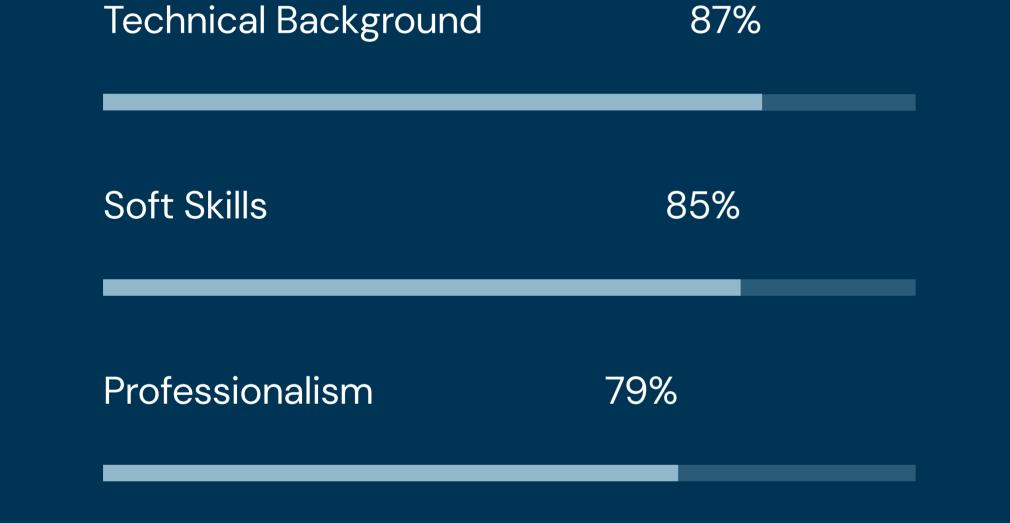### Winner in the African Artificial Intelligence competition

Organized by: A2SV - Africa to Silicon Valley

- African competition bringing together **5,000 students**. Ranked among the **top 8 finalists**, our team won the "Best Commercial Potential Product" award with an innovative AI-based solution, also receiving a prize of **2,500 US dollars**.

Algiers, Algeria – June 2024

Datathon Haick 2024 – Troisième place

Organized by: School of Ai Club

- HAICK, an event organized by the School of Ai Alger (SOAI), is the **first datathon in Algeria**. It brings together local companies and researchers who present real world problems along with relevant data. In this edition, our team secured **third place**, and my role was to work on the design of an LLM while applying **advanced mathematical** knowledge.

Algiers, Algeria – April 2024

Hackathon, MC Hack

Organized by: Micro Club USTHB

- MC Hack is a hackathon organized by the Micro Club USTHB, where my team and I participated alongside **20 other teams**. The competition was fierce, as we had a fantastic idea in the theme of **field management systems**. We explored various areas, but we discovered the field of BIM (Building Information Modeling), which was crucial in securing the **first place** in the theme proposed by **Naftal**.

Algiers, Algeria – March 2024

Hackathon, GHack Alger – First Place

Organized by: GDG - Google Developers Group Algiers

- Competition organized by GDG Algiers on the theme "Revolution of Hybrid Work." Development of an application based on artificial intelligence, integrating a complete and ready to use UI design. Won **first place**.

Algiers, Algeria – Nov 2023

Hackathon International Book Fair of Algiers – First Place

Organized by: Ministry of Culture and Arts

- Organized by the Ministry of Culture and Arts. Creation of the **"Ktab"** application, an innovative solution based on artificial intelligence to promote literature and publications in Algeria. Award winning project with **first place**.