

# Khalil Khalef

 [khalef-khalil](#)  [khalilkhalef.com](#)  [khalil-khalef](#)  [contact@khalilkhalef.com](mailto:contact@khalilkhalef.com)

## EDUCATION

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<b>Higher Institute of Computer Science, Tunis (ISI)</b> <i>Software Engineering Degree</i>	2024 - Present
<b>Higher Institute of Computer Science, Tunis (ISI)</b> <i>Master's in Cybersecurity (1 year)</i>	2023 - 2024
<b>University of Nouakchott</b> <i>Bachelor's in Computer Science</i>	2020 - 2023

## PROJECTS

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### Telemedicine Platform | *Next.js, Node.js, Express, AWS*

- Development of a complete telemedicine platform facilitating remote consultations between patients and doctors.
- Implementation of key features: secure messaging, appointment management, payment processing, and video consultations.

### AgriWaste | *Next.js, Django REST, Tailwind CSS*

- Marketplace platform for agricultural waste valorization, developed in preparation for an international hackathon (Tunisia, Libya, Algeria).
- Implementation of a multi-role system with JWT authentication, private messaging, and advanced listing management.

### Academia | *React, Node.js, Azure OpenAI, MongoDB*

- Development of a platform for publishing and sharing academic research for researchers and students.
- Integration of Azure OpenAI for automatic content analysis, toxicity detection, and emotional tone evaluation in publications and comments.

## EXPERIENCE

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### Freelance Full-Stack Developer | *Independent* Jan. 2025 – Present

- Development of a Jumia-like e-commerce marketplace platform for a private client.
- Complete implementation of an e-commerce application for a perfume company.

### Web Developer Intern | *Attijari Bank* Feb. 2023 – Jul. 2023

- Co-development of an internal claims management system adapted to organizational needs.
- Design of the system architecture and user interfaces for an optimal experience.

## ACHIEVEMENTS

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### State Scholarship for Tunisia

Award of a full scholarship to pursue higher education in Tunisia thanks to my ranking as 1<sup>st</sup> in my Bachelor's degree class.

### Cross-Border Hackathon

2<sup>nd</sup> place in the international hackathon between Tunisia, Algeria, and Libya, demonstrating skills in technological innovation and complex problem solving.

## HOBBIES

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### Japanese Media Consumption

Reading manga and watching anime for entertainment and cultural enrichment.

### Gym Training

Regular practice of weightlifting to maintain good physical condition and improve overall health.