

MOURKSI EL MOATASSAM BILLAH

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PROFILE

Dedicated Master 2 (M2) Cyber Security student with a strong academic foundation in Information Systems (ranked Top 10). I combine theoretical knowledge with practical expertise in Full Stack development (Next.js, Spring Boot), backend architecture, and a solid background in DevOps. Proven experience in leading digitalization projects for university institutions, ranging from exam management platforms to SaaS attendance solutions and platform penetration testing.

EDUCATION

Higher Institute of Sciences (HIS) University 2025 – 2027
Master 2 (M2) in Cyber Security

- Performance: Achieved a general average of 13/20 during Master 1 Cyber Security.
- Merit Scholarship: Awarded a competitive 2-year full scholarship for the Master's program.

University of Biskra 2022 – 2025
Licence in Computer Science (Specialty: Information Systems)

- Ranking & Performance: Top 10 student in the university cohort with a General Average of +13/20.

PROFESSIONAL EXPERIENCE

Full Stack Developer & Project Lead 2025 – Present
Higher Institute of Sciences (HIS) University

- Information System Modules: Lead developer creating custom modules to enhance the university's internal IS.
- Bank of Exams Platform: Designed and implemented a solution allowing students to review past exam papers.
- Attendance System (SaaS): Replaced paper workflows with a web interface and automated reporting dashboard.

IT Specialist – Department of Quality Assurance of Education 1 Year
Higher Institute of Sciences (HIS) University

- Managed IT infrastructure and operations to support the university's education quality assurance standards.

Internal Auditor & Pentester – Campus Plus Platform 2025
Higher Institute of Sciences (HIS) University

- Conducted thorough internal audits to ensure strict compliance and operational efficiency.
- Executed comprehensive penetration testing to identify vulnerabilities and harden infrastructure.

Backend Developer 2024 – 2025
LINFI Lab, University of Biskra (Project DIGIQA)

- Developed and tested core back-end functionalities for a quality assurance platform under Prof. Laid Kahloul.

PROJECTS

Phishing Email Detection (Machine Learning): Developed and trained a model to accurately identify and classify phishing emails, enhancing digital security.

Attendance System SaaS (Full Stack): Replaced paper attendance with a web interface for professors and an admin dashboard for automated reporting.

Bank of Exams (Full Stack): Academic resource platform allowing students to search, filter, and review past exam papers.

DIGIQA Backend Development: Quality assurance software focused on robust API development and ensuring data integrity.

Ophtalmo Web Application: Patient management platform featuring doctor portfolios, operation logs, and appointment scheduling.

Browebs E-Commerce Service: Web portal allowing clients to browse development packages and commission custom websites.

Preschool Enrollment Web Application: Digital registration platform simplifying the enrollment process for parents and administrators.

TECHNICAL SKILLS

- **Languages:** Java, C, C++, Python, JavaScript.
- **Web & Frameworks:** Next.js, Spring Boot, HTML5, CSS3, REST APIs.
- **Tools & Concepts:** DevOps, Git/GitHub, Linux, OOP, Functional Programming.
- **Languages:** Arabic, French, English.