

# LACHOUB HANANE

## Full Stack Developer - AI Enthusiast - Korean Teacher

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### SUMMARY

Dedicated and versatile Professional with extensive expertise in full-stack development, microservices architecture ,and AL/ML technologies , combined with a passion for teaching korean language and culture , Proficient in designing and implementing scalable , event-driven microservices using advanced patterns like CQRS ,Event Sourcing with tools such as Kafka ,Eureka and Axon Framework , skilled in fostering engaging learning environments with strong communication ,leadership and intercultural skills , Adept at Agile methodologies ,project management and delivering hight-quality technical and educational outcomes .

### EDUCATION

|  |                |
|--|----------------|
| Higher School of computer science Esi-sba  | 2021 - Present |
| <ul style="list-style-type: none"><li>Preparatory Classes – National Higher School of Computer Science (ESI SBA)</li></ul> | 2021 – 2023    |
| <ul style="list-style-type: none"><li>Advanced Classes – National Higher School of Computer Science (ESI SBA)</li></ul>    | 2023 – Present |
| Scientific Baccalaureate – Lycée de Bouazza Miloud, Tlemcen  | 2018 – 2021    |
| <ul style="list-style-type: none"><li>Graduated with High Mention (17.46 / 20 )</li></ul>                                  |                |

### EXPERIENCES

|  |  |                           |
|--|--|---------------------------|
| Developer At MagDev.tech   | <a href="#">Link</a>   | Present                   |
| 1 st place at Algerie Post Hackthon  |  | Dec 2024                  |
| <ul style="list-style-type: none"><li>48h Hackathon   Developed a damaged package detection system</li></ul>   | <a href="#">Link</a>   |                           |
| KhidmaTic Startup Project  |  | February 2025 - Juin 2025 |
| <ul style="list-style-type: none"><li>Leader, Full Stack Developer   Led the development of KhidmaTic with microservice architectures , an end-of-year 2CS project, connecting users with qualified home maintenance professionals</li></ul> | <a href="#">Github Link</a> <a href="#">ProjectReport Link</a> |                           |
| Social Works Management Software   |  | February 2024 - Juin 2024 |
| <ul style="list-style-type: none"><li>Frontend Developer &amp; UI/UX designer   Developed a social works management website to streamline administrative processes.</li></ul>  | <a href="#">Github Link</a> <a href="#">ProjectReport Link</a> |                           |
| Comet – Video Conferencing Software  |  | February 2023 - Juin 2023 |
| <ul style="list-style-type: none"><li>Frontend Developer &amp; UI/UX designer   Built a video conferencing platform enabling audio-video meetings and user-friendly room creation</li></ul>  | <a href="#">Github Link</a> <a href="#">ProjectReport Link</a> |                           |

### SKILLS

- Frontend Development:** HTML, CSS, JavaScript, TypeScript, jQuery, React, Next.js, Tailwind CSS, Bootstrap
- Backend Development:** Node.js, Express.js, Django, Spring Boot, MongoDB, MySQL, PostgreSQL
- Microservices Architecture:** – Microservices design and decomposition, Service discovery (Eureka), API Gateway – Synchronous and asynchronous communication (Kafka, RESTful APIs) – Event-driven architectures, CQRS, Event Sourcing Axon Framework for event-driven systems Reliability patterns (Circuit Breaker)
- Programming Languages:** Python, Java, JavaScript
- AI & Machine Learning:** Machine Learning, Data Fundamentals, TensorFlow
- Tools:** Figma, Docker, VS Code, Git, GitHub, Postman, IntelliJ, Excel, LaTeX
- Teaching & Language Skills:** Korean language Teacher , Arab (native) , French ,English
- Soft Skills:** Communication, Leadership, Empathy, Patience, Adaptability, Teamwork, Time management
- Methodologies:** Agile, Scrum, Project Management

### Additional Information

- Certifications:** Machine Learning Certaficate [Link](#) , Data fundamentals Certaficate [Link](#)
- Languages:** Arabic, Frensh, English , Korean