

# ZIYAD MESKINI

## Full Stack Developer & AI Enthusiast

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### SUMMARY

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Aspiring Software Engineer combining a background in International Business with practical expertise in Full Stack Development and Generative AI. Passionate about building privacy-focused applications and leveraging LLMs to solve real-world problems. Proven ability to handle complex technical projects (Telus AI) and deliver freelance software solutions.

### TECHNICAL SKILLS

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- **Languages & Runtimes:** JavaScript (ES6+), Node.js, Python, HTML5, CSS3.
- **AI & ML:** Google AI Studio (Gemini), Prompt Engineering, RLHF (Reinforcement Learning from Human Feedback).
- **Tools & Platforms:** Git, VS Code, REST APIs, MongoDB.
- **Soft Skills:** Technical Communication, Problem Solving, Analytical Thinking.

### PROJECTS

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#### Homefront Alliance

2025

*Full Stack Web Application*

- Designed and developed a responsive web platform focused on community engagement and resource management.
- Engineered the backend using Node.js to ensure scalable data handling and secure user authentication.
- Managed the full deployment pipeline, ensuring high availability and optimized load times.

#### Local AI Wrapper

2025

*Node.js, Google Generative AI SDK*

- Built a local CLI application integrating Google Gemini 1.5 models for secure, offline-capable text processing.
- Implemented strict environment security using `dotenv` to manage API keys, preventing exposure in public repositories.
- Designed an async architecture to handle real-time AI responses directly in the terminal.

### WORK EXPERIENCE

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#### Telus International

Remote

*AI Data Analyst / Rater*

- Evaluated and improved the accuracy of Generative AI models through Reinforcement Learning from Human Feedback (RLHF).
- Analyzed prompt responses for factual accuracy, safety compliance, and coding logic errors.
- Contributed to the refinement of Large Language Models (LLMs) by providing high-quality training data.

#### Freelance

Remote

*Full Stack Developer*

- Developed custom web solutions for international clients, focusing on performance optimization and responsive design.
- Translated business requirements into functional technical specifications and deployed production-ready code.
- Managed end-to-end development lifecycles from initial concept to final deployment and maintenance.

## **EDUCATION**

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**Hassan 2 University of Casablanca**

**Mohammedia, Morocco**

*International Business and Logistics*

- *Relevant Coursework:* Supply Chain Management, Business Statistics, Operations Research, Information Systems.