

Mohamed Boghdaddy

Full Stack AI Engineer | Prompt Engineer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Skills

- **Prompt Engineering:** Creating, testing, and refining prompts for LLMs (GPT, BERT).
 - **Machine Learning & AI:** NLP, transformer models, model fine-tuning, data preprocessing.
 - **Programming:** Python (TensorFlow, PyTorch), JavaScript (React, Node.js), OpenAI API, LangChain.
 - **Software Development:** MERN, MEAN, Next.js, WordPress, microservices.
 - **Tools:** Agile, Git, REST APIs, SQL, NoSQL.
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Interests

- **IT Member at ACPC MIU**
 - **Competitive Programming, Cooking, Boxing, Rugby**
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Work Experience

Prompt Engineer (Freelance) — Jul 2024 – Present

- **Developed custom prompts for business use cases, optimizing responses for customer support and data analysis.**
- **Leveraged GPT-4 to extract insights from unstructured data, improving reporting.**
- **Applied advanced techniques (e.g., few-shot learning, prompt chaining), improving task accuracy by 30%.**

Full-Stack MERN Intern

ATOS — Jul 2024 – Oct 2024

- **Worked on Document Management System (DMS) using MERN and PERN stacks.**
- **Optimized APIs for high performance.**

Microservices Software Developer Intern

Relief and Emergency Foundation — May 2024 – Present

- **Developed a custom WordPress website and a MERN-based landing page.**

Machine Learning Intern

Code Alpha — Feb 2024 – Present

- Built a Music Recommendation System and developed Stock Market Prediction and Titanic Survival models.

Web Development Intern

Prodigy Info Tech — Jan 2024 – Present

- Created responsive landing pages and a Stopwatch web app.
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Project Experience

Financial AI Advisor (Graduation Project)

- Designed dynamic prompts for personalized financial guidance using GPT-4.
- Fine-tuned for data accuracy and optimized multi-turn conversational prompts.

HKI AI Career (Full-Stack MERN with AI Integration)

- Developed a job application platform with AI-driven assistance and Razorpay integration.

HEDJ (Full-Stack Developer)

- Built a web solution for a product design company, handling both frontend and backend.

Loan Acceptance Algorithm (Contributor & Researcher)

- Contributed to an algorithm predicting loan acceptance rates, co-authoring a research paper.
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Education

Bachelor of Science in Computer Science

Misr International University (MIU) — Specialization: Artificial Intelligence

Languages

- English: Fluent
- Arabic: Native
- Spanish: Intermediate