

**Mohamed Boghdaddy**

**Full Stack AI Engineer | Prompt Engineer**

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

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## **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 – August 2024**

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

**Machine Learning Intern**  
*Code Alpha — Feb 2024 – May 2024*

Built a Music Recommendation System and developed Stock Market Prediction and

**Titanic** Survival models.

**Web Development Intern**  
*Prodigy Info Tech — Jan 2024 – Feb 2024*

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

**Financial AI Advisor**

- 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