

# Mohamed Hassan *Software Developer*

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## Profile

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Versatile Full Stack Developer with expertise in Python, Django, React, and AWS. Proven track record in implementing secure, scalable solutions and developing applications.

## Professional Experience

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2024/09 – present  
Freelance, Remote

### Software Developer

*Thek A.I.* ✎

- **Led backend enhancements for subscription management:** Developed and optimized backend functionality for subscription features, including the ability to cancel, view, and edit subscriptions, ensuring seamless user control and improving overall system performance.
- **Led frontend and backend enhancements:** Successfully implemented critical design and functionality updates in alignment with Figma designs, ensuring seamless user experience across the platform.
- **Optimized templates feature:** Built and integrated 80+ AI templates into the Templates page, allowing users to generate, edit, and copy prompt results directly into the chat, elevating feature usability and user productivity.
- **Transitioned front-end framework:** Migrated landing pages from React to Next.js, improving performance and supporting SEO optimization for greater online visibility.

2023/04 – present  
Freelance, Remote

### Software Developer

*MQO Research* ✎

- **Engineered a comprehensive app-level encryption system** using symmetric and asymmetric cryptography, enhancing data security while maintaining accessibility for authorized users.
- **Implemented Docker containerization**, reducing deployment time significantly and improving scalability through CI/CD pipeline integration.
- **Integrated Stripe payment gateway**, enabling secure and seamless subscription management and payment processing for various services.
- **Developed multiple AI-powered applications:**
  - **Research Coder App:** Categorizes and codes responses from research surveys using AI.
  - **Audio Transcription App:** Transcribes audio files using AI technology.
  - **AI Chat App:** Enables user interaction with latest AI models, featuring chat folders and quick prompts (templates).
- **Designed and implemented an admin dashboard** for managing organizational subscriptions, user accounts, and application access.

2023/02 – 2023/09  
Freelance, Remote

### Software Developer

*Petrolafuel* ✎

- **Lead the development of a comprehensive data analysis system:** Integrated multiple data sources including 3rd party APIs, web scraping, and webhooks.
- **Generated actionable reports:** Transformed complex data into clear, strategic insights to support decision-making and business strategies..

## Skills

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**Backend** (Django), **Frontend** (Next.js & React), **CI/CD** (Github Actions), **Cloud** (AWS & GCP)