




Ahmed Rabea

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Professional Summary

Front-end Web Developer with a strong foundation in front-end and back-end technologies, including React, Django, JavaScript, and MySQL. Proven ability to lead Agile teams, design responsive user interfaces, and optimize system performance by up to 25%. Led the development of Healgen, a bilingual AI-powered healthcare platform, achieving 95% user satisfaction. Certified in Google Data Analytics and IBM AI Engineering. Passionate about building scalable, user-centric web applications that solve real-world problems.

Skills

- Python, Java, JavaScript, PHP, SQL, C++
- React, Flask, HTML5, CSS3, MySQL
- TensorFlow, Keras, PyTorch, Scikit-learn
- Hugging Face Transformers, CNNs, LLM Fine Tuning
- OOP, REST APIs, Design Patterns

Certifications

- IBM AI Engineering Professional Certificate
- Google Data Analytics Certificate
- Cisco Certified Data Analytics

Tools & Platforms

- Git & GitHub, Jupyter Notebook
- Slack, VS Code, Postman

Languages

- Arabic (Native)
- English (Professional)

Education

B.Tech. in Software Engineering
New Cairo Technology University, Cairo, Egypt

Interests

Technical blogging, video tutorials, AI innovation, full-stack development trends.

Experience

AI & Web Developer – NCT University (2025)

Architected and delivered an AI-powered medical chatbot using a fine-tuned 7B-parameter LLM. Designed the NLP pipeline, implemented symptom extraction with fuzzy matching, and optimized response latency to under 200ms. Drove team coordination and technical decisions, resulting in a 95% user satisfaction rate.

Web Developer – Education Web Platform (2023)

Developed a full-stack programming education platform using HTML, CSS, JavaScript, PHP, and MySQL. Structured both the frontend and backend with RESTful principles and modular OOP design. Ran Agile sprints to deliver features on time, mentored junior developers, and introduced task workflows that improved team productivity by 30%. Optimized database queries and interface performance, increasing system efficiency by 25%.

Projects

Emotion Detection (CNN, Flask)

Built a facial expression classifier (92% accuracy) with real-time output.

Medical Chatbot (LLM, Flask)

Built and deployed a chatbot using a fine-tuned LLM for medical Q&A.

MERN Stack Projects

Developed an Anacodna learning platform and food delivery app with a responsive design.