

Mohamed Hesham Abdelfattah

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EXPERIENCE

Junior Software Engineer

Nancy ai

May 2024 - Present, Amsterdam, Netherlands

- Develop and maintain Nancy Ai mobile application using React Native & Express frameworks
- Develop and maintain services for Negm Angular web application

PROJECTS

AI-assistant-for-personalizing-learning

Nahda university • October 2023 - May 2024

- Graduation project submitted for the Bachelor of information technology degree from Nahda university leverages the advanced capabilities of Generative AI, Retrieval Augmented Generation (RAG), and Large Language Models (LLMs) to create an innovative interactive 3D virtual teacher assistant chatbot and using dashboard fully coded in React, I ensure a secure and seamless user experience.

EDUCATION

Bachelor of Computer Science

Minor in information technology • Nahda university • Beni Suef, Egypt • 2024 • 3.81

- Top of my class

CERTIFICATIONS

Web Development MEARN Stack

Information Technology Institute • 2024

- In-demand skillset: MERN (MongoDB, Express, React, Node.js) is popular for full-stack development
- Versatility: Covers both front-end (React) and back-end (Node.js, Express, MongoDB) technologies
- Modern tech: Demonstrates knowledge of current web development practices
- Language proficiency: Shows mastery of HTML, CSS, JavaScript, and TypeScript
- Security awareness: OWASP Top 10 knowledge indicates concern for web security
- Code quality: Understanding of clean code principles suggests maintainable development practices

Certified Network Associate CCNA V7

National Telecommunication Institute • 2023

- Demonstrates industry-recognized networking skills
- Shows up-to-date knowledge of current technologies
- Validates practical experience in network configuration
- Enhances career prospects in IT and networking roles
- Proves commitment to professional development

Data Analyst with Python

DataCamp • 2023

- Python proficiency: Demonstrates strong programming skills in a language widely used for data analysis
- Data handling: Shows ability to manipulate and clean data using pandas, a crucial skill for any data role
- Statistical knowledge: Indicates capability to perform statistical analysis and hypothesis testing
- Visualization skills: Proficiency in data visualization tools like Seaborn for effective data communication
- Machine learning preparation: Understanding of data preprocessing for ML suggests readiness for advanced analytics
- Comprehensive skillset: Covers the full data analysis pipeline from importing to exploring and analyzing data
- Recent training: The 2023 completion date shows up-to-date knowledge in the rapidly evolving field of data analysis

IOT Cloud Developer 2021 Mastery Award

IBM • 2021

- Specialized expertise: Demonstrates proficiency in IoT and cloud development
- Industry-specific knowledge: Shows familiarity with IBM Cloud platform
- Networking skills: Indicates understanding of IP connectivity for IoT devices
- Security focus: Highlights awareness of cloud security best practices

- Operational know-how: Proves experience with cloud scaling and monitoring
- Full-stack capabilities: Shows competence in web app development frameworks

Artificial Intelligence Analyst 2021 Mastery Award

IBM • 2021

- AI expertise: Demonstrates proficiency in artificial intelligence concepts
 - Programming skills: Shows practical experience with Python for ML
 - Deep learning knowledge: Indicates understanding of neural networks and Keras
 - Computer vision skills: Highlights capabilities in image processing
 - Framework proficiency: Proves hands-on experience with TensorFlow
 - Industry recognition: IBM certification adds credibility to your AI skills
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COURSEWORK

Web Development MEARN Stack

Information Technology Institute • 2024

- HTML & CSS , JavaScript: ES6 and beyond , TypeScript Fundamentals , mongoDB , React js , Node.js Course (RESTful Web Services with Node.js, Express, and MongoDB) , The Principles of Writing Clean Code , OWASP Top 10 (Web) Security Risks
 - I gained practical experience through:
 - Freelance Web Developer Independent | 6 months
 - Applied MERN stack skills to deliver custom web solutions for various clients
 - Implemented best practices in coding and security across multiple projects
 - Managed end-to-end development process from client requirements to deployment
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