

Ziad Ahmed Mahmoud

Giza, Egypt

(+20)1555237026 — ziadahmedmatar@gmail.com — LinkedIn: ziad-ahmed — GitHub: ziadahmed

Education

Bachelor of Science in Computer Science Faculty of Computers & AI, Cairo University, Giza, Egypt <i>Major:</i> Artificial Intelligence	October 2021 - June 2025 GPA: 3.19
---	---

Experience

Teaching Assistant MEC Academy, Giza, Egypt	July 2022 - January 2023
---	---------------------------------

- Assisted in teaching the Introduction to Software Engineering course by grading assignments, leading Q&A sessions, and providing feedback on student projects.

Technical Projects

MedBrief - Medical Report Generation Website Graduation Project	October 2024 - July 2025
---	---------------------------------

- Designed and implemented a robust back-end architecture using Expressjs, integrating it with MongoDB to efficiently manage user data and securely store medical reports.
- Implemented a RESTful API to facilitate seamless communication between the front-end and back-end, ensuring efficient data exchange and smooth application performance.
- Focused on responsive design and clean code to deliver a professional and user-friendly experience.

Jamming - Spotify Playlist Creator Codecademy Project	October 2024 - October 2024
---	------------------------------------

- Built a music web app that lets users search the Spotify library, create playlists, and save them to their account.
- Integrated the Spotify API for track search, user authentication, and playlist management.
- Managed state and data flow between components using React's state management to ensure smooth user interactions.

Skills

DevOps: Bash Scripting, Docker, Linux, Kubernetes, Ansible
Web Technology: ReactJS, ReduxJS, HTML, CSS, Django, NodeJS, ExpressJS
Programming Languages & Tools: Python, SQL, C/C++, Java, TypeScript, JavaScript
Data Science & AI: NumPy, Pandas, Matplotlib, TensorFlow/Keras, pyTorch
Languages: Arabic, English, German
Soft Skills: Leadership, Teamwork, Communication, Presentation, Adaptability

Courses & Certifications

Full-Stack Engineer Career Path - Codecademy	July 2024 - December 2024
Linux Administration - Udemy	June 2024 - October 2024
CCNA - NTI	August 2024 - September 2024

Extracurricular Activities

Application Developer Member SCCI	December 2022 - May 2024
---	---------------------------------

- Served as a Technical Academic Committee Member, instructing participants in mobile application development and guiding them through hands-on learning experiences applications using android studio
- Conducted interviews for Participants admissions to evaluate qualifications, capabilities, and compatibility with the program
- Developed the Backend of a point redeeming system Android Application using Java, SQLite