

Kareem Ahmed Taha

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PROFILE

Software Engineer with a strong foundation in web development and a growing focus on data engineering and AI engineering. Experienced in building full-stack web applications using PHP and Node.js. Currently developing expertise in data pipelines, databases, and data-driven systems, with a strong interest in applying engineering principles to scalable data solutions.

EDUCATION

Modern Sciences and Arts University (MSA),

09/2024 – 07/2028 | Giza, Egypt

B.Sc. in Computer Science

General Grade: Excellent

GPA: 3.83

AI & Data Science – Microsoft Data Engineer Track, DEPI

11/2025 – 07/2026

- Learning and applying core data engineering concepts including data pipelines, data storage, and data processing
- Working with Python and SQL for data manipulation and analysis
- Gaining exposure to cloud-based data engineering tools and workflows

COURSES

Data Analysis With Python, FreeCodeCamp

08/2025

- Data analysis and visualization using Python (Pandas, NumPy, Matplotlib)

Building Web Applications using PHP & MYSQL, ITI, Mahara-Tech

07/2025

- Implemented CRUD operations and database-driven features
 - Covered authentication, form handling, and server-side logic

SKILLS

Technical Skills

- **Programming Languages:** Python, C++, JavaScript, PHP, C#
- **Data & Databases:** SQL, MySQL, PostgreSQL, MongoDB, SQLite
- **Data Analysis & Engineering:** Pandas, NumPy, Matplotlib
- **Web Development:** HTML, CSS, JavaScript, React, Node.js, Express , PHP
- **Tools & Systems:** Git, GitHub, Linux

PROJECTS

JobConnect, *A platform that connects recruiters with job seekers*

- Full-stack web application connecting job seekers and recruiters. Built with PHP, JavaScript, and MySQL
- Github Link: <https://github.com/KareemH-1/JobConnect> ↗

Todo App (Node.js, Express, SQLite)

- Built a CRUD task management app using Node.js, Express, and SQLite with RESTful routing and persistent data storage.
- Github link: https://github.com/KareemH-1/Todo-App-NodeJS_ExpressJS_SQLite ↗

Task Manager Desktop application

- Developed a cross-platform desktop task management application using Electron.
- Implemented CRUD operations using local data storage, and real-time task updates to enhance productivity.
- Designed a responsive, user-friendly interface with intuitive navigation for desktop users. •

GitHub Link: <https://github.com/KareemH-1/Task-Manager-App-Electron> ↗

2D Top-Down Survival Game, Unity, C#

- Developed a 2D survival game with wave-based enemies, AI pathfinding, progression upgrades, and interactive UI feedback (HP bars, screen shake, particles).
- Implemented persistent saving system and scalable difficulty for engaging gameplay.
- LinkedIn post: https://www.linkedin.com/posts/kareem-ahmed-h_unity2d-gamedevelopment-csharp-activity-7370111232470822912-AQFr/ ↗

ExtraCurricular Activities

MSA ECPC Community, Participant

Engaged in workshops, problem-solving sessions, and competitive programming events to strengthen technical skills. and Competed in ECPC 2025, solving coding challenges