

Ahmed Taha

Fresh Software Engineer

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🌐 linkedin.com/in/ahmed-taha-thecg ⏸ Exempted

PROFILE

Freshly graduated Software Engineer with hands-on experience in web development, AI integrations & Automation, and multimedia production. Skilled in React, Nodejs, Flask, and Python, aspires to create dynamic, user-friendly applications. Has delivered projects from web solutions to AI-driven tools—including an Arabic Handwriting E2E OCR system. Strong in UI/UX design and committed to crafting efficient, engaging digital experiences.

PROJECTS

Tasky, AI-Powered Todo List

04/2025 – 05/2025

- Developed a fullstack todo list app with React, Node.js, and Prisma, focusing on user-friendly design and smooth animations.
- Deployed the client, server, and Postgres database, while enforcing security best practices.
- Integrated an AI that turns pasted coworker messages into tasks automatically.

CG Blog, FOSS markdown dynamic site generator

01/2025 – 06/2025

- Built a Head-only **React-based** blog and portfolio with **Shadcn** for use with any markdown files.
- Implemented custom dynamic **RTL** language support for Arabic, and SSR for SEO optimizations.
- Prioritized beginner-friendly UX with a minimalist design and **plug-and-play** configuration.

Digital-Dād الرقمية دة, Graduation Project

03/2023 – 07/2024

- Designed and implemented a **React** application for **scanning, recognizing, and grading** handwritten Arabic exams.
- Developed an OCR model with CNN and Bi-LSTM networks, achieving a 97% accuracy rate—an improvement from the previous 87%—using a **custom dataset** of more than 100,000 samples.
- Built an image labeling app with user contribution tracking using **React** and **Supabase**.
- Developed an **Agentic LLM** to grade exams based on a model answer using Vertex AI Platform.
- The research was published at “AI for SDGs” Conference in 2024, as well as in “IJT” journal.

The Platformer Test, Video Game Project

12/2022 – 12/2022

- Developed a fully functional platformer video game with 3 levels using **Godot Engine** without prior knowledge in a single week.

Time Estimator, Simple application to plan data transfers.

05/2021 – 06/2021

- Created an app that **estimates data transfer times** based on speed, time, or size.
- Featuring a user friendly, intuitive, and OS-independent custom GUI using **QT5**.

SKILLS

Technical Skills

— **Programming & Frameworks:** Python, C++, JavaScript, Typescript, React, React Native, Next.js, Vue, Flask, FastAPI, Django, Node.js, WordPress. | **Generative AI:** LLMs, Agent AIs, LangChain, Stable Diffusion, Flux, Vertex AI Platform | **AI/ML:** TensorFlow, Image Processing. | **Cloud & Containerization:** Google Cloud, Azure, Docker. | **Tools & Technologies:** GitHub, Git, Jira, Linux, Prisma, SQLite, PostgreSQL, MongoDB, Godot Engine, QT. | **Multimedia & Design:** Graphic Design, Video Editing, Motion Graphics, Adobe Creative Suite, UI/UX Design. | **Technical Communication:** Technical Writing, Content Creation.

Soft Skills

— Communication, Teamwork, Problem-Solving, Adaptability, Creativity, Time Management, Detail-Oriented.

TECHNICAL EXPERIENCE

Software Developer & IT Specialist, ELHODA MEP Contracting

09/2021 – 09/2022 | Cairo, Egypt

- Implemented and managed an on-premises **custom file server**.
- Developed **automation scripts** that interact with Excel and Autocad to enhance team efficiency.
- Provided software and hardware technical support.

Store Developer, CompuMall

06/2023 – 09/2023 | Ismailia, Egypt

- Developed the company E-Commerce website using **WordPress**.
- Performed on-site computer repairs, and resolved complex technical issues for customers.

Graphics Designer, Kunai Store

07/2024 – 05/2025 | Saudi Arabia (Remote)

- Created visually engaging **designs** for websites, advertisements, and social media platforms, contributing to over 600% sales.

Tech Content Writer, E-CAMP

07/2024 – 11/2024 | Cairo, Egypt

- Wrote articles simplifying technological concepts related to **AI** and **software engineering**.

EDUCATION

Faculty of Engineering, Suez Canal University,

09/2019 – 07/2024 | Ismailia, Egypt

Bachelor in Computer Engineering | GPA: B- | Graduation Project Grade: Excellent