

# Ahmed Taha

Fresh Software Engineer

✉ ahmedtaha1234@gmail.com ☎ +201557528856 🌐 Cairo, Egypt 🌐 creative-geek.tech 🌐 github.com/Creative-Geek  
LinkedIn: linkedin.com/in/ahmed-taha-thehg 🌐 Exempted

## PROFILE

Freshly graduated Software Engineer with hands-on experience in web development, AI integrations & Automation, and multimedia production. Skilled in React, Node.js, 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

<b>Tasky</b> , <i>AI-Powered Todo List</i>	04/2025 – 05/2025
<ul style="list-style-type: none"><li>Developed a fullstack todo list app with React, Node.js, and Prisma, focusing on user-friendly design and smooth animations.</li><li>Deployed the client, server, and Postgres database, while enforcing security best practices.</li><li>Integrated an AI that turns pasted coworker messages into tasks automatically.</li></ul>	
<b>CG Blog</b> , <i>FOSS markdown dynamic site generator</i>	01/2025 – 06/2025
<ul style="list-style-type: none"><li>Built a Head-only <b>React-based</b> blog and portfolio with <b>Shadcn</b> for use with any markdown files.</li><li>Implemented custom dynamic <b>RTL</b> language support for Arabic, and SSR for SEO optimizations.</li><li>Prioritized beginner-friendly UX with a minimalist design and <b>plug-and-play</b> configuration.</li></ul>	
<b>Digital-Dād</b> , <i>Graduation Project</i>	03/2023 – 07/2024
<ul style="list-style-type: none"><li>Designed and implemented a <b>React</b> application for <b>scanning</b>, <b>recognizing</b>, and <b>grading</b> handwritten Arabic exams.</li><li>Developed an OCR model with CNN and Bi-LSTM networks, achieving a 97% accuracy rate—an improvement from the previous 87%—using a <b>custom dataset</b> of more than 100,000 samples.</li><li>Built an image labeling app with user contribution tracking using <b>React</b> and <b>Supabase</b>.</li><li>Developed an <b>Agentic LLM</b> to grade exams based on a model answer using Vertex AI Platform.</li><li>The research was published at “AI for SDGs” Conference in 2024, as well as in “IJT” journal.</li></ul>	
<b>The Platformer Test</b> , <i>Video Game Project</i>	12/2022 – 12/2022
<ul style="list-style-type: none"><li>Developed a fully functional platformer video game with 3 levels using <b>Godot Engine</b> without prior knowledge in a single week.</li></ul>	
<b>Time Estimator</b> , <i>Simple application to plan data transfers.</i>	05/2021 – 06/2021
<ul style="list-style-type: none"><li>Created an app that <b>estimates data transfer times</b> based on speed, time, or size.</li><li>Featuring a user friendly, intuitive, and OS-independent custom GUI using <b>QT5</b>.</li></ul>	

## 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

<b>Software Developer &amp; IT Specialist</b> , <i>ELHODA MEP Contracting</i>	09/2021 – 09/2022 / Cairo, Egypt
<ul style="list-style-type: none"><li>Implemented and managed an on-premises <b>custom file server</b>.</li><li>Developed <b>automation scripts</b> that interact with Excel and Autocad to enhance team efficiency.</li><li>Provided software and hardware technical support.</li></ul>	
<b>Store Developer</b> , <i>CompuMall</i>	06/2023 – 09/2023 / Ismailia, Egypt
<ul style="list-style-type: none"><li>Developed the company E-Commerce website using <b>WordPress</b>.</li><li>Performed on-site computer repairs, and resolved complex technical issues for customers.</li></ul>	
<b>Graphics Designer</b> , <i>Kunai Store</i>	07/2024 – 05/2025 / Saudi Arabia (Remote)
<ul style="list-style-type: none"><li>Created visually engaging <b>designs</b> for websites, advertisements, and social media platforms, contributing to over 600% sales.</li></ul>	
<b>Tech Content Writer</b> , <i>E-CAMP</i>	07/2024 – 11/2024 / Cairo, Egypt
<ul style="list-style-type: none"><li>Wrote articles simplifying technological concepts related to <b>AI</b> and <b>software engineering</b>.</li></ul>	

## EDUCATION

<b>Faculty of Engineering, Suez Canal University</b> , <i>Bachelor in Computer Engineering   GPA: B-   Graduation Project Grade: Excellent</i>	09/2019 – 07/2024 / Ismailia, Egypt
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