Contact

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Top Skills

Teaching
Calculus
Linear Algebra

Certifications

Fundamentals of Web Development
Cybersecurity Awareness:
Cybersecurity Terminology
Introduction to Mobile Application
Learn HTML &CSS
Introduction to Graphic Design

Ahmed Mohamed

Trainee @ Digital Egypt Pioneers Initiative | Information Technology |
Interested in Web development
New El Menia, Al Minya, Egypt

Summary

As a Trainee at ICPC MINYA UNIVERSITY COMMUNITY, my
work intertwines with my Information Technology studies at Minia
University, shaping a strong foundation in both theoretical knowledge
and practical application.

I leverage my C++ expertise, problem-solving skills, and leadership
to build eco-conscious tech solutions that benefit communities and
protect the environment.

As a Frontend Developer Trainee in the Ministry-sponsored Digital
Egypt Pioneers Initiative, I bridge theory and practice through
hands-on React work. Over the 24-week internship.

Experience

Digital Egypt Pioneers Initiative - DEPI
React Frontend Web Developer Trainee
June 2025 - Present (3 months)
Cairo, Egypt

Selected for a 24-week, Ministry front-end development internship
Hands-on modules include:

• Prompt Engineering for AI-powered developer tools

• HTML5 & CSS3 (semantic markup; Flexbox/Grid; responsive, accessible UX/
UI)

• JavaScript ES6+ fundamentals (DOM, async/await, REST APIs)

• TypeScript (static typing, interfaces, generics)

• Component Libraries (Bootstrap/Tailwind CSS; theming)

• Version Control with Git & GitHub (branching, pull requests, CI integration)

• React Core (JSX, function/class components, hooks, Context API)

• Code Quality (ESLint linting, SOLID principles, reusable design patterns)

• Backend Basics with Node.js & Express (REST API design, middleware)

• Containerization using Docker (Dockerfiles, Docker Compose)

• Testing & Documentation with Jest, React Testing Library, JSDoc

Culminates in a Capstone Project: Dockerized React + Node.js application deployed via GitHub & Heroku

ICPC MINYA UNIVERSITY COMMUNITY
Trainee
October 2024 - Present (11 months)
Al Minya, Egypt

Athar Accelerator
UI Designer
February 2022 - February 2022 (1 month)

Small project in startup boot camp. The project was the design of web page and mobile interface for an app to collect waste from homes and give you bounce on it using adobe xd. And make the logo with Adobe Illustrator.The bounce in the form of money or gifts from the market in the app.

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Education

Minia University
Bachelor's degree, Information Technology · (October 2024 - October 2028)