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Osama Alwaly

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Work Experience

Volunteer Speaker - Volunteering

Pioneer of Success Initiative ,Egyptian Ministry of Youth and Sports Aug 2025 - Present

- Delivered an online training session on effective LinkedIn usage, AI-powered job search tools, and CV optimization.
- Focused on helping participants build a strong online presence to enhance career development.
- **Utilized:** Zoom, Google Meet, Microsoft Office, resume checker platforms, and LinkedIn to deliver training and support participants.

Trainee - Internship

Suez Canal Authority June 2023 – Sept 2023

- Worked with network systems to ensure smooth operation and optimize performance.
- Gained practical knowledge in network fundamentals, infrastructure, and configuration.
- **Utilized:** Cisco Packet Tracer for network simulations and troubleshooting.

Trainee - Internship

Port Said University June 2022 – Sept 2022

- Worked in electronics labs, applying engineering concepts.
- Trained on MATLAB for analysis and simulation of systems.
- **Utilized:** MATLAB for system analysis, simulation, and modeling.

Education

- **B.Sc. in Computer Engineering,** Port Said University –, Egypt   **Oct 2020 – May 2025**
  Grade: Good (2.97 GPA)

Technologies and Languages

- Languages: **JavaScript, TypeScript, HTML5, CSS3, Python.**
- Frameworks/Libraries**: React, Next.js,Node.js, Express.js, TailwindCSS,**
- Programming Concepts**: Problem Solving , OOP, Data Structures, Algorithms, Design Patterns, API Architecture, MVC, Agile Development, API Architecture**
- Tools & Others: **GitHub, REST APIs, Postman, Docker(Basic).**
- Soft Skills: **Communication, Teamwork, Problem-Solving, Adaptability, Time Management, Creativity, Leadership, Critical Thinking, Attention to Detail, Continuous Learning**

Projects

- **FitTrack - Training Management System**
  - Developed a modern gym tracking web application using Next.js 15, React 19, and Tailwind CSS v4
  - Completed 90% of the Front-End with a focus on responsiveness, animations, and UI quality
  - **Utilized**: Next.js, TailwindCSS, React.js, Framer motion, Lucide React.

- **UI/UX Design Projects**
  - Designed multiple mobile and web interfaces using Figma
  - Focused on clean layouts
  - Prioritized clear hierarchy
  - Ensured user-friendly flows
  - **Projects include**: Bajaru App, Piddi URL Landing Page, and LinguaLearn Platform

- **Graduation Project – SmartBrace (Sigma)**
  - Built and deployed AI classification models achieving 90–95% accuracy using Python (Scikit-learn, Pandas, NumPy).
  - Integrated models with backend using FastAPI, Node.js, and deployed on AWS.
  - Contributed to disease prediction modules.
  - **Utilized**: Python, Scikit-learn, Pandas, NumPy, FastAPI.

Certifications

- **Effective Communication Skills Program — AAST:**

  - Training on presentation skills and effective public speaking.

  - Focus on teamwork, collaboration, and problem-solving in group settings.

  - Professional communication techniques for workplace environments.

- **One Million Prompters Certificate — Dubai Future Foundation:**

  - Successfully completed the One Million Prompters initiative.

  - Focused on developing skills in prompt engineering for AI systems.

  - Acquired practical knowledge on AI prompt creation and optimization techniques.

- **UX Design Fundamentals Certificate — Maharatech:**

  - Completed the "UX Design Fundamentals" course, focusing on the theoretical aspects of UX design.

  - Gained in-depth knowledge of user-centered design principles and processes.

  - Studied the importance of usability, accessibility, and effective user interface design.