

Mazen Mohammed Amin

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VOLUNTEER EXPERIENCE

SPE Alexandria

Head of Learning and Development

- Developed focused human resources training material for over 7 trainers dedicated towards Learning & development assuring they fully encompassed the entire training process
- Contributed to the development of +40 staff members across 5 different committees by providing direct/indirect feedback and explaining various session and topics

TEDx Alexandria

General Couching Coordinator

- Curated targeted training materials and strategies for 10 speakers, focusing on storytelling techniques and audience engagement; contributed to a 40% improvement in speaker confidence levels during live presentations at TEDx'24.
- Followed up with 15 coaches to ensure high-quality coaching and accurate data provision for the speakers, resulting in 95% satisfaction with the training experience from the speakers

SAVE

Public Health and Human Resources & Development Staff

- Educated and raised awareness about first-aid for over 300 individuals across more than 10 institutions in one year
- Managed and conveyed daily and technical skills tailored for diverse audience, organizing and leading groups of 15+ people.
- Demonstrated effective performance under stressful and tight conditions, increasing participant confidence and skill levels by 30%

EDUCATION

Pharos University In Alexandria

B.Sc. in Computer Science, **Data Science Major**

2021 - 2025

GPA: 3.4/4

SKILLS

Technical skills:

Frontend: React; NextJS; Laravel; Tailwind CSS; Responsive Design; User Experience Optimization.

Backend: NodeJS; Express; RESTful APIs; Socket.io; Authentication; NoSQL; SQL; DBMS; Data Wrangling

DevOps: ETL Pipelines; Deployment strategies; debugging & performance optimization

AI Engineering: Machine Learning; Deep Learning; Computer Vision; LLMs; Data Science; Data Wrangling

General: Data Analysis; PowerBI; Excel; PowerQuery; Data Visualization; Data Storytelling; PowerPoint

Transferable skills:

Time management; Presentation Skills; Public Speaking; Facilitation; Coaching & Mentoring; Icebreaking; Feedback Delivery; Adaptability; Documentation; Active Listening; Conflict Resolution; Problem Solving; Creativity; Negotiation

Projects & Certificates

Certifications:

- IBM Full Stack Developer 2024
- Google advanced data analytics 2023
- Udacity Advanced Data analyst degree; 2021

Projects:

- **Booking.com Clone** Feb-2024/Mar-2024
 - Developed a full-featured Booking.com clone using the MERN stack (MongoDB, Express, React, Node.js) reducing search and booking times by 30% and enabling over 100 concurrent transactions.
 - Implemented user authentication, hotel search, booking functionalities, and a responsive design, achieving a 40% improvement in user experience metrics.
- **Reddit Clone** Apr-2024/May-2024
 - Created a dynamic Reddit clone utilizing Next.js for server-side rendering and improved performance achieving a 50% optimization in load times and Improving SEO by 40% leading to higher visibility.
 - Integrated features like user posts, comments, upvotes/downvotes, and community creation, leading to a 50% increase in user engagement.
- **AI-Enhanced Note-Taking App** July-2024
 - Built an innovative note-taking app with AI capabilities achieving a 95% user satisfaction.
 - Incorporated advanced features such as natural language processing and ASL (American Sign Language) detection using the camera, resulting in a 35% boost in user efficiency.
- **Tecord (Discord Clone)** July-2024
 - Developed a robust chatting app using Next.js and Socket.io for real-time communication (RTC) supporting over 200 simultaneous real-time conversation and increasing user engagement by 50% .
 - Enabled full chat, audio, and video rooms, supporting a comprehensive set of features for real-time interaction and collaboration, increasing user retention by 25%.