Seif Zakaria

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SUMMARY

I'm a Software Engineering student in Cairo with a proven track record in project management and team leadership. With hands-on experience in managing projects and leading teams to success, I excel in strategic planning, task organization, and meeting deadlines. My ability to effectively manage resources and foster collaboration has consistently delivered successful outcomes in various technical and organizational projects.

EDUCATION

Ain Shams University   Cairo, EG
Bachelor's degree in Computer Science and Statistics

DEPI x EYouth   Cairo, EG
MERN Stack Full Stack Web Development Diploma   *2024 – 2025*

EXPERIENCE

Head of Human Resources   Nov. 2024 – Present
Open Source Community - Seasonal   *Cairo, EG*

- Streamlined the interviewing process, increasing total interviews conducted from 127 (last season's first recruitment) to 248 in the first recruitment, with 164 candidates successfully accepted and personally conducting 37 interviews.
- Authored and implemented a comprehensive rules sheet for the current season, establishing clear guidelines for HR operations, outlining punishments and rewarding systems, and defining the operational framework for OSC as a whole.
- Led weekly mentorship sessions for team members, covering key topics such as evaluation techniques, KPI development, CV creation, leadership, time management, note-taking, email correspondence, and data manipulation.

Human Resources Member   May. 2024 – Oct. 2024
Open Source Community - Seasonal   *Cairo, EG*

- Completed a comprehensive 20-hour training on advanced interview techniques, enhancing talent acquisition strategies.
- Developed and presented a strategic headcount plan with innovative strategies, positioning myself for a leadership role in the next season.
- Organized 2 workshops for over 50 participants, leading to a 10% increase in engagement and skill development.

Public Relations Coordinator   Nov. 2023 – Present
Open Source Community - Seasonal   *Cairo, EG*

- Delivered two impactful speeches during Welcome Day, addressing over 300 freshmen to introduce OSC, resulting in a significant increase in the community's reach and engagement.
- Developed and executed social media campaigns, enhancing brand presence and engagement by 9%.
- Improved team recruitment processes, achieving a 15% increase in candidate acquisition.
- Streamlined the interview process, ensuring efficient evaluation and selection of top candidates.

President & Founder   Sep. 2020 – Present
Masons - Part-time   *Cairo, EG*

- Mentored various team members, achieving a 40% increase in productivity and accuracy.
- Managed and executed projects that exceeded organizational goals, demonstrating strong leadership and project management skills.
- Expanded Masons, transforming it into a prominent student activity by increasing membership and enhancing accessibility to a wider audience.

Projects & Achievements

Orbit | *Next.js, Three.js, Golang, NASA APIs*   Sep. 2024 – Oct, 2024
- Developed an interactive 3D solar system simulation with real-time NEO tracking, utilizing NASA's Small Body Database and Three.js.
- Integrated AI tools (Gemini API) for chatbot functionality and (Claude) for orbital computations, enhancing educational interactivity.
- Optimized backend in Golang for real-time data updates, ensuring accurate visualization and efficient NEO management.

911 | *Python, SQL (MySQL), Workbench, PowerPoint*   Nov. 2023 – Dec. 2023
- Managed the development of scripts for data randomization and generation, improving data handling efficiency.
- Spearheaded the implementation of an algorithm for data extraction and importation, reducing development time by 340% per 50 entries.
- Provided team mentorship on presentation techniques, resulting in a 77% increase in performance.

NAVERIS | *Python, Machine Learning, Git, PowerPoint*   Sep. 2023 – Oct. 2023
- Led the backend development for gathering weather data using the open weather API.
- Developed and implemented a dotmatrix algorithm for detailed area mapping and analysis.
- Managed and presented the project, ensuring adherence to high presentation standards.

Life Support Exosuit (WIP) | *C++, Python, Machine Learning, Blender, Git*   June 2019 – Present
- Developing an AI-controlled Exosuit with eye-tracking technology to assist individuals with severe disabilities
- Managing the integration of LiDAR technology for precise 3D mapping and enhanced navigation.
- Directing the implementation of wireless power transfer, improving the Exosuit's efficiency and functionality.

Technical Skills

Languages: Python, C++, SQL (MySQL), JavaScript, TypeScript
Frameworks: React, Next.js, Node.js, Express.js, Tailwind CSS, Bootstrap
DevOps & Tools: Git, Docker, MongoDB, VS Code, Visual Studio, Workbench, Microsoft Office Suite
Soft Skills: HR, Public Speaking, Team Leadership, Time Management, English Copywriting and Communication