

Omar Khaled

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EDUCATION

- Nile University** Cairo, Egypt
Computer Engineering; Full Scholarship; GPA: 3.96 *June 2020 - Present*

EXPERIENCE

- Nichepharma** *Jan 2023 - Present*
Frontend Engineer
 - Tacit Framework** Designed the Tacit Framework to enable digital pharmaceutical companies to create presentations and visual aids with ease. By leveraging the framework's capabilities, we achieved substantial performance improvements, including a 50% reduction in bundle size and a 35% reduction in visual aid development time compared to our previous workflow.
 - (CI/CD) Workflows Implementation:** I developed and implemented customized CI/CD workflows for the company's visual aids and APIs, streamlining testing and deployment processes and resulting in faster product releases by about 30%
 - Email Campaigns:** Held responsibility for designing and developing engaging email marketing campaigns using technologies like MJML, resulting in improved customer engagement and increased conversion rates.

PUBLISHED PROJECTS

- IEEE NU Website:** August 2021
Designed and developed the award-winning IEEE NU Website, an events management and official website for Nile University. The website features interactive 3D elements for an engaging user experience and achieved high search engine rankings for IEEE NU events keywords. *React, nextjs, firebase*
- Nile University IEEE Online Electronics Store:** December 2023
Built an accessible online platform for the Nile University IEEE Electronics Store to display electronic components for university projects. The user-friendly interface resulted in a 60% increase in the store orders. *React, Remix.js, cheer*
- DedMet - Moodle Deadlines Tracker Chrome Extension:** July 2022
A Chrome extension for helping Moodle users track their deadlines. The extension injects a deadlines tracker ui personalized for each user deadlines and courses into the dashboard of Moodle to make it easy for the students to know the upcoming deadlines *Typescript, Manifest V3, Nextjs, Paddle, MongoDB*
- Scudler - University Classes Scheduling Platform:** December 2020
A University courses scheduling platform that helps university students in forming a classes schedule that suits their needs. *React.js, Genetics Algorithm, express, mongodb*

ACTIVITIES

- IEEE Nile University Student Branch** November 2020 - Present
Vice President *November 2022 - Present*
 - Formulated the IEEE NU Electronics Store Online Platform:** Launched an online platform for the IEEE NU Electronics store with the aim of streamlining the ordering process for the users and students.
 - Co-Managed the IEEE NILES22 Conference:** Partnered with the Nile University Research Office and IEEE Egypt Section to co-manage the IEEE NILES22 International Conference, which involved reviewing 170 papers submitted from over 17 countries.
 - She Leads Event:** Initiated and managed the inaugural She Leads event, which strives to empower women in STEM disciplines. The event included more than 10 talks and 2-panel discussions from successful lady leaders. Moreover, it provided a job fair that exclusively focused on offering employment opportunities for women in STEM.
- Technical Director* *November 2021 - October 2022*
 - Lead the building of the IEEE NU Website:** Revamped the IEEE NU Website to create its second version, integrating additional features such as event management tools and forms management. This updated website resulted in a remarkable 70% increase in traffic.
 - Co-Manger at the Egyptian Space Summit — Second Edition:** Oversee the registration processes and the search engine optimization (SEO) for the event.
- Web Master* *November 2020 - October 2021*
 - Assembled IEEE NU Web Development Team:** Formed the Web Development Team, which continues to manage the web-related aspects of the branch.
 - Attendance Management App** Developed an app for managing attendance at the inaugural Egyptian Space Summit, which allowed for easy recording of attendees' presence.

HONORS AND AWARDS

- 2022 **IEEE Region 8 (Asia, Africa, Europe) Website Contest — 2nd Place**
- 2022 **Nile University President's Honor for outstanding academic performance**
- 2022 **IEEE Best Member Award**
- 2021 **AUC Robotics Hackathon — 8th**

LANGUAGES

- Deutsch B1 - Certified From Gothe Institute