

Marcelino Saad
MERN Stack Developer
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Objective

Senior Computer Engineering student with strong foundations in web development and IT systems. Experienced in MERN Stack development, team leadership, and freelancing. Seeking a summer internship to apply technical and problem-solving skills while contributing to innovative projects, with real hand-on experience work.

Experience

Game Asset Designer

Freelance

June 2023 – Present

- Delivered customized digital assets as a freelancer, managing client requirements, timelines, and post-delivery support while maintaining high satisfaction.
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Research Intern

Nile University – Center for Informatics Science (CIS)

July 2025 – August 2025

- Contributed to a research paper on Graph-Based Network Generation and Lightweight Computer Vision for Emergency Evacuation, under Prof. Noha Gamal's supervision.
 - Developed and trained a YOLOv5s model for fire, smoke, and human detection (mAP@0.5 up to 0.94) and applied Dijkstra's algorithm for evacuation routing.
 - Collaborated with a team of 3 interns on dataset preparation, model evaluation, and deployment testing on edge devices..
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Intern Team Lead - React Frontend Development

Digital Egypt Pioneers Initiative (DEPI) - MCIT, Egypt

October 2024 – May 2025

- Led a 21-member study group and a 6-member project team that built VocaNova, a React-based web app winning 3rd place in the Mega Project category.
 - Coordinated with MCIT and EYouth, managing communication, task distribution, and progress updates.
 - Developed responsive interfaces with React.js, JavaScript, HTML, CSS, Bootstrap, and explored backend integration with Node.js/Express.
 - Gained hands-on experience in team leadership, agile collaboration, and production-level frontend development.
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CCNA Intern

Ministry of Communications and Information Technology (MCIT)

July 2024 – August 2024

- Developed proficiency in CCNA concepts, including configuring and troubleshooting network devices and protocols.
 - Collaborated with peers to solve real-world networking challenges under professional mentorship.
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Education

Computer Engineering - Bachelor of Science

Nile University, Giza, Egypt

October 2021 - Present

- Graduation Date: 2026
 - GPA: 3.55/4.00
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Extracurricular Activities

Founder

Pixels NU – Media and Design Club

October 2023 – August 2024

- Established Nile University's first media and design club, leading 70+ members across six committees.
 - Directed creative projects and organized events, fostering collaboration and innovation.
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Graphic Designer

IEEE Nile University Student Branch

October 2022 – June 2023

- Designed visuals and managed media campaigns to promote events, enhancing engagement and brand presence.
- Led the documentation and live coverage of events using professional cameras, ensuring high-quality visual content.

Certifications

Freelancing 101 - ITIDA + GIGs Program

Information Technology Industry Development Agency, ITIDA

Issued - Jun 2025

Artificial Intelligence Fundamentals

IBM

Issued - Feb 2025

Web Development Professional

Udacity

Issued - Jan 2021

Competitions

Digitopia – 1st Edition

Ministry of Communications and Information Technology (MCIT)

September 2025

- Participated in the Idea Submission Phase, showcasing a smart scholar portal project integrating AI and MERN stack technologies.
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UGRF – 20th Edition – 1st International Edition

Nile University

August 2025

- Network Intrusion Detection System Using Machine Learning, Deep Learning, and Federated Learning Techniques
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UGRF – 19th Edition

Nile University

January 2025

- Network node fault identification using ML
 - E-Commerce Database
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Skills

Technical Skills: React.js, JavaScript, HTML/CSS, Bootstrap, Git, Node.js (basic), Express (basic), Microsoft Office, Google Workspace

Soft Skills: Teamwork, Communication, Problem-Solving, Time-Management, Adaptability