

YAHYA EL-SAWI

UI/UX Designer | Frontend Developer | Product Associate

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Computing and Information Technology graduate from RIT Dubai with a minor in Business Administration. Skilled in web development, UI/UX design, databases, and technical problem-solving. Experienced in building responsive web experiences, improving user flows, and supporting business-focused digital products.

Education

Rochester Institute of Technology, Dubai, 2021 to 2026

BSc in Computing and Information Technology
Minor in Business Administration

Skills

Programming & Web: Python, Java, PHP, Bash, HTML/CSS, MySQL, Vue.js, React Native
Frontend & Product: Responsive Web Design, UI/UX Design, Wireframing, Prototyping, Figma
Networking & Automation: Cisco Packet Tracer, GNS3, VLANs, ACLs, OSPF, QoS, Inter-VLAN Routing, Netmiko
AI Tools: ChatGPT, Claude, GitHub Copilot, Sora, Blaze.ai, Claude API, Prompt Engineering
Testing & QA: Mobile App Testing, User Cases, Test Plans, Bug Reporting, User Flow Testing, Wireshark
Tools & Platforms: Git, GitHub, AWS, Shopify, SendGrid, PyCharm, JGrasp, BBEdit

Experience

Gift-It | Dubai, UAE

Frontend Developer & Product Associate, May 2024 - Present

- Developed and maintained responsive web pages across desktop and mobile devices.
- Fully developed the KSA Arabic web version, supporting Arabic content, responsiveness, and regional user experience.
- Built prototypes and proof-of-concept features to test product ideas before full implementation.
- Created mobile app user cases, tested user flows, identified bugs, and documented issues.
- Managed transactional HTML/CSS emails, including order confirmations and e-invites, while maintaining brand consistency.
- Improved platform usability by analyzing customer feedback, user behavior, and pain points.
- Researched UX improvements and keyword strategies to support engagement and retention.
- Worked directly with the founder on product direction, marketing initiatives, and platform growth.

Projects

Immersive Brain Exploration, VR Platform for Psychology Education

Senior Development Project, RIT Dubai | 2025 - 2026

- Developed an interactive VR neuroanatomy learning platform using Unity, C#, OpenXR, and XR Interaction Toolkit.
- Built VR interactions for brain structure selection, highlighting, isolation, rotation, opacity control, and hemisphere separation.
- Designed world-space UI panels showing structure names, functions, and clinical notes.
- Supported Meta Quest deployment with performance, comfort, readability, and accessibility considerations.
- Contributed to system architecture, user workflows, testing plans, and project documentation.

Secure Small Mall Automation System, AI-Assisted Network Automation System

Network Design & Performance Project, RIT Dubai | Spring 2026

- Built an AI-assisted network automation system for a secure smart mall network.
- Used Python, Flask, GNS3, Netmiko, Cisco IOS, VLANs, ACLs, OSPF, and Docker hosts.
- Developed a conversational “Network Brain” to convert plain English requests into network configuration actions.
- Implemented dynamic tenant onboarding and offboarding with automatic VLAN, subnet, gateway, ACL, and OSPF updates.
- Supported validation testing using ping, iperf3, QoS checks, and ACL policy testing.
- Added closed-loop correction to detect network failures, diagnose issues, apply fixes, and revalidate results.

RIT Student App 2.0

UX/Product Case Study | Spring 2023

- Reimagined the student experience by fixing recurring sign-in issues, improving notifications, and unifying access to myCourses and SIS.
- Conducted student interviews to identify pain points and define key user requirements.
- Designed information architecture, user flows, and high-fidelity mobile screens in Figma.

Participation

NASA Hackathon | Dubai, UAE

Participant October 2023

- Participated in developing Winder, an open-source project platform inspired by Tinder’s swiping mechanism.
- Implemented a matching algorithm to support team formation between project creators and contributors.