

Youssef Eldemery

Software Engineer | Product & Business Analysis

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PROFESSIONAL SUMMARY

Software Engineer with experience delivering digital banking solutions and collaborating with cross-functional teams to translate business requirements into scalable software solutions. Experienced in requirements gathering, stakeholder communication, API design, Agile delivery, process improvement, and product development. Passionate about bridging business and technology to deliver high-impact digital products and exceptional user experiences.

WORK EXPERIENCE

Software Engineer | CIB Egypt

Smart Village, Egypt | *March 2025 – Present*

- Collaborated with product owners, business stakeholders, QA engineers, and frontend developers to translate business requirements into scalable backend solutions.
- Analyzed functional and technical requirements and implemented backend services supporting digital banking features.
- Participated in requirements gathering sessions, feature discussions, and solution design to ensure technical implementation aligned with business objectives.
- Prepared API documentation and technical specifications to facilitate communication between business and development teams.
- Supported system testing, defect resolution, and User Acceptance Testing (UAT) to ensure successful feature delivery.
- Delivered banking features including Apple Pay activation, Instant Card Issuance, Real-Time Deposit Redemption, and Mutual Fund Trading.
- Designed and developed the CIB and WE portal, integrating backend APIs to provide real-time payment information and transaction updates while improving the user experience.

SKILLS

Frontend: JavaScript, TypeScript, React, Next.js, Figma, Tailwind CSS, Zustand, TanStack (Query & Router)

Backend: Node.js, NestJS, REST APIs

Business Analysis: Agile & Scrum, UAT Support, User Stories, Requirements Gathering Process Improvement, Functional & Technical Requirements

Tools: Jira, Git, GitHub, GitLab, Postman, CI/CD, Vercel

PROJECTS

Nile Moringa — E-Commerce [Platform](#)

- Built a responsive e-commerce platform using Next.js and TypeScript.
- Improved SEO, user experience, and product discoverability to enhance customer engagement.
- Collaborated on product decisions to optimize the online shopping experience.
- Built a responsive e-commerce platform using Next.js, TypeScript, Tailwind CSS, and Supabase.

GlimpseGems

- Designed a location-based recommendation platform by analyzing user behavior and business requirements.
- Defined user flows and optimized search experience using geospatial filtering.
- Collaborated on product decisions to improve usability and engagement.
- Built using Supabase, React Native and Tailwind CSS.

EDUCATION

B.Sc. in Electronics and Communications Engineering, Smart Systems

Cairo, Egypt

Misr International University

Bachelor Thesis (Distinction): Enabling real-time navigation through Convolutional Neural Networks (CNN).

COMPETITIONS & AWARDS

BUILD2GETHER INCLUSIVE INNOVATION Challenge [link](#) – ETH Zurich

March 2024 – Sep. 2024

- Awarded **Honorable Mention (Mobility Impairments)** for the **RescueTap** project, an emergency alert system for mobility-impaired individuals that sends GPS locations to caregivers with a simple tap or automatic fall detection.
- Ranked among the **top 1% of 664 global participants**, receiving multiple prizes, including certificates and e-gift cards from Nordic Semiconductor and ETH Zurich University.

EXTRACURRICULAR ACTIVITIES

Co-Founder & President | Rotaract Cairo New Capital – Rotary.

Cairo, Egypt | *Aug. 2022 – June 2025*

- Awarded **1st place** among Mediterranean countries in **Peace 2025**.
- Awarded **2nd Place** in Egypt's 2025 **Community Service Awards** for leading "Project Able".
- Led multidisciplinary teams to create a leadership program that enabled more than 100 orphans to develop leadership skills.
- Awarded **3rd place** among Mediterranean countries in the U.S.-led International Rotary Competition on SDGs.

LANGUAGES

Proficient in both written and spoken **English** and **Arabic**.