# Ibrahim Atef Abdelsatar Ahmed Hamada

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Portfolio Website

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**EDUCATION**

**Arab Open University (AOU), Faculty of Computer Studies, Department of Computer Science**  **Sep 2025 - Present**
Pursuing first-year undergraduate studies in Computer Science.

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**SUMMARY**

Driven software professional bridging Quality Assurance and Web Development. Certified by DEPI and trained by ODC & ISS, I transitioned from manual testing to engineering scalable Selenium automation frameworks for major e-commerce platforms. Passionate about solving complex problems, I successfully deploy commercial websites utilizing AI-powered Vibe Coding. Currently advancing my Full-Stack development expertise and actively contributing to the MSC Tech Team.

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**EXPERIENCE**

- **E-Commerce Automation Testing (DeFacto, Noon, Seoudi Supermarket)**
  - Engineered robust automation frameworks and authored test scripts using Selenium and Java to validate critical user flows and UI functionality.

- **Commercial Web Development (Restaurants & Cafes)**
  - Deployed three fully functional, responsive websites utilizing AI-driven Vibe Coding, prioritizing modern UI/UX and client business requirements.

- **RESTful-Booker API Testing**
  - Executed manual API testing via Postman on the authentication endpoint, formulating test cases and tracking defects using Excel.

- **ISTQB Foundation Practice (Demo Site)**
  - Implemented ISTQB-aligned manual testing and SDLC principles, executing structured test cases and generating detailed documentation.

- **Personal Portfolio**
  - Programmed a responsive portfolio leveraging HTML, Tailwind CSS, and JavaScript, featuring Dark/Light modes and Formspree email integration.

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**SCHOLARSHIP AND TRAINING**

- **Digital Egypt Pioneers Initiative (DEPI) — Software Testing Track**   **Jun 2025 - Dec 2025**
  - Graduated from a six-month intensive program sponsored by the Ministry of Communications and Information Technology (MCIT).
  - Mastered the full Software Development Life Cycle (SDLC) and ISTQB-aligned fundamentals, encompassing static/dynamic techniques and test design.
  - Performed manual, exploratory, and API testing (Postman), and programmed automated test scripts using Selenium and Java.
  - Administered test cases and bug tracking via Jira and Excel, leveraging foundational Java and prompt engineering for AI-integrated workflows.

- **Automation Testing Training**        Feb 2026
  - Participated in a collaborative training program by **Orange Digital Center Egypt** and **Instant Software Solutions**.
  - Integrated automation testing concepts into practical, real-world scenarios.
  - Formulated and constructed automation frameworks, elevating practical skills with industry-standard tools.
  - Adhered to QA best practices and test automation standards to achieve professional-level proficiency.

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**HONORS & ACTIVITIES**

**University & Extracurricular Activities**
- **Microsoft Student Club (MSC), AOU**        Dec 2025 – Present
  - Tech Team Member (Web Committee).
- **NASA Space Apps Challenge, Benha**        May 2025 – Oct 2025
  - Head of Logistics, OC & Building. Spearheaded event preparations, logistics planning, and cross-functional team coordination over a six-month term.
- **Professional Certifications**
  - Earned Medical Analysis Principles credential (Syndicate of Scientific Professions).
  - Acquired Bloodborne Pathogens Certification (NHCPS).

**High School Achievements**        Sep 2020 – Sep 2024
- **Leadership:** Acted as Secretary General of El-Obour Educational Administration Student Union and secured 1st place in the "Ideal Student" competition.
- **Competitions:** Competed in the 16th Undergraduate Research Forum (UGRF) — Business Model Competition, pitching a modern agriculture technology concept.
- **Awards:** Awarded for excellence in the International Kangaroo Mathematics Competition.

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**SKILLS**

**Technical Skills:**
- **Software Testing:** Automation Testing (Selenium), Manual Testing, Test Case Design & Execution, Bug Reporting, API Testing (Postman), Test Management (Jira & Xray, Excel), Database Testing (SQL Basics).
- **Web Development:** Vibe Coding (AI-Augmented Web Dev), learning Full-Stack Web Development.
- **Programming:** Java (Core), Dart (Basics), C++ (Basics), HTML5, CSS, JavaScript, LaTeX (Basics).
- **Tools:** Jira (Xray), Postman, Git & GitHub, Visual Studio Code, Microsoft Office, Basic Video/Photo Editing.

**Personal Skills:**
- Leadership & Teamwork
- Problem Solving
- Time Management
- Continuous Learning
- Adaptability

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**LANGUAGES**
- Arabic — Native.
- English — Intermediate (Reading & Writing), Conversational (Speaking).