

Sandra Elia Attia

Business-Oriented Developer | Data & Web developer

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PROFILE

Business Information Systems (BIS) student with a strong foundation in programming, data fundamentals, and web development. Experienced in Python, Java, C#, OOP, Excel, and IT fundamentals, with an academic background in accounting, marketing, and production management. Passionate about learning technology to support business decision-making and operational efficiency.

EDUCATION

Business Information Systems (BIS) Assiut National University | Oct 2023 – Jul 2027

SKILLS

Technical Skills

Programming Languages: Python, Java, C#, C++ | Data Engineering Fundamentals | Web Development Basics | Microsoft Excel | IT Fundamentals

Soft Skills

Communication | Teamwork | Problem-Solving | Adaptability | Time Management | Leadership

Projects Section – CV Version

1 Personal Portfolio Website

Responsive Personal Portfolio Website using HTML5 & CSS3

- Built a responsive personal portfolio website showcasing work, photos, and contact details

- Applied CSS Grid and Flexbox for clean and maintainable layout
 - Implemented RTL support and responsive media queries
- Skills:** HTML5, CSS3, CSS Grid, Flexbox, Responsive Design, UI Styling

2 Furniture Landing Page Website

Modern landing page for interior design studio

- Designed responsive layout including hero section, product showcase, and feature cards
- Applied Flexbox and CSS Grid for structured and user-friendly UI

Skills: HTML5, CSS3, Responsive Web Design, Flexbox, CSS Grid, UI Design

3 Interactive JavaScript Web Projects

Dynamic web pages using JavaScript for interactivity

- Implemented random tips generator, date/birthdate validation, and color-coded date display
 - Applied input validation for names and emails, and basic error handling (try...catch)
- Skills:** JavaScript, HTML & CSS, Functions, Conditional Statements, User Input Validation, Basic Error Handling

4 JavaScript Calculator Application

Simple interactive calculator using JavaScript

- Implemented arithmetic operations: addition, subtraction, multiplication, division
- Handled user input and basic error cases (division by zero, invalid input)

Skills: JavaScript, Functions, Conditional Statements, User Input Handling, Basic Error Handling

5 Dark/Light Mode Web Toggle

Theme switcher for web pages

- Built dark/light mode toggle with JavaScript and CSS
- Practiced DOM manipulation and dynamic styling

Skills: JavaScript, HTML & CSS, DOM Manipulation, Event Handling, Dynamic Styling

6 User Registration Form with Validation

Responsive registration page with client-side validation

- Used HTML forms with multiple input types and CSS for layout
 - Validated username, email, and password fields in real-time using JavaScript
- Skills:** HTML5, CSS3, JavaScript, Forms & Validation, DOM Manipulation, Flexbox Layout

7 Shopping Cart Web Application

Interactive shopping cart using JavaScript

- Implemented product listing, add-to-cart functionality, and quantity management
- Persisted cart data using localStorage and updated UI dynamically

Skills: JavaScript, HTML & CSS, DOM Manipulation, Event Handling, Local Storage

8 Database Design Project (Relational DB with PK–FK)

Relational database schema design and implementation

- Designed multiple tables with primary and foreign keys
- Applied normalization and ensured data integrity across tables

Skills: SQL, Relational Databases, Database Design, Entity Relationships, Data Normalization

Training & Courses

- **How to Build a Profitable Business Without Investment – Udemy** | Jan 2026
Learned strategies to start and grow a business without initial investment.
- **Implement a Responsible Generative AI Solution – Microsoft Foundry** | Jan 2026
Gained practical experience in deploying AI responsibly and ethically in business solutions.
- **Introduction to Programming Using Python – MaharaTech / ITIMooca** | Jan 2026
Covered Python basics, programming logic, and hands-on coding exercises.
- **Generative AI – MaharaTech / ITIMooca** | Jan 2026
Learned fundamentals of generative AI and its practical applications.
- **Omnichannel Marketing Job Simulation – Forage** | Jan 2026
Simulated real-world marketing scenarios and strategies across multiple channels.
- **Artificial Insemination for Beginners – HP LIFE** | Dec 2025
Acquired basic knowledge of artificial insemination techniques.

- **Introduction to Credit in Banks – Central Bank of Egypt (CBE)** | Dec 2025
Learned about credit processes, risk assessment, and banking procedures.
- **Excel Course: Basic to Advanced – MindLuster** | Dec 2025
Developed advanced Excel skills including formulas, data analysis, and reporting.
- **How to Be HR – Omnia Ashraf** | Sep 2025
Gained insights into HR functions, recruitment, and employee management.
- **Banking Trainee Program – CIB Egypt** | Jul 2025
Trained in banking operations, customer service, and financial processes.
- **Accounting Fundamentals – Coursera** | Sep 2023
Learned financial statements, bookkeeping, and transaction recording.
- **Banking Trainee – Banque du Caire** | Aug 2025 – Sep 2025
Hands-on exposure to banking procedures and customer interaction.
- **Web Development Training (Summer Camp) – ITI** | Aug 2025 – Sep 2025
Learned web development basics, HTML, CSS, and project prototyping.
- **Web Programming (Winter Camp) – ITI** | Feb 2024 – Feb 2025
Focused on programming fundamentals and practical coding exercises , Built 3 web projects during ITI training.