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EDUCATION

Alexandria, EG	Alexandria University	Oct 2020 – Present
Bachelor of Science in Software Industry and Multi-Media (SIM)- department		
Academic Achievements:		
<ul style="list-style-type: none">• computer science GPA: 3.83/4 (A-/A Average)• Attained the 3rd highest ranking in the computer science program		

EXTRACURRICULAR

Education member	Semicolon	March 2023 – Present
<ul style="list-style-type: none">• Semicolon is a student project at AU that aims to equip developers with technical, business, and interpersonal skills.• Assumed responsibility for instructing participants in web development using ReactJS through lectures and interactive lab-style learning.		

PERSONAL PROJECTS

- Back-End of E-commerce Website (2022).**
- Developed and implemented a backend project utilizing TypeScript and ES6, focusing on CRUD operations for users, products, and orders with relational database management.
 - Utilized REST APIs and PostgreSQL to efficiently handle data storage and retrieval for seamless user experience.
 - Implemented secure user authentication using JWT for enhanced data protection and confidentiality.
 - Conducted thorough unit testing using Jasmine framework to ensure high-quality code and optimal performance of the project.
 - <https://github.com/tmtm8976/Store-backend>
- Full-stack Store website (2023):**
- Successfully implemented a microservices approach to streamline the deployment process.
 - Developed a responsive and user-friendly front-end using React and Axios.
 - Developed a robust back-end using Node.js and Express.
 - Utilized Postgres for efficient and scalable database management.
 - Implemented Nginx as an API gateway to enhance security and performance.
 - Created and managed the docker-compose.yml file for easy service management.
 - Implemented key features such as login/register, search, filtering, cart management, and account details.

AWARDS

- **The 2022 ICPC ECPC Qualifications Collegiate Programming Contest:** participation using C++ programming language.

SKILLS

- C++, Java (OOP), JavaScript/TypeScript, HTML/CSS, Dart/flutter.
- SQL, GIT, docker, Postgres DB, Nodejs, React/nextjs, es6, Data Structures, Algorithms.

LANGUAGES

- Arabic (native)
- English (fluent)