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EDUCATION

South Valley University - *B.Sc in Computer Science GPA [3.07] till 7th semester* (September 2020 - June 2024)

Udacity - *Professional Front-End Web Development Nanodegree* (July 2022- September 2022) - [Reference](#)

Udacity - *Advanced Full-Stack Web Development Nanodegree* (September 2022- December 2022) - [Reference](#)

SKILLS

- Problem-solving (+1000 problem) -
- OOP
- Design Patterns
- Data Structures & Algorithms
- TypeScript, NodeJs, ExpressJs
- ASP.NET Core
- Unit testing
- Front-end(HTML,CSS,JavaScript)
- SQL DataBase:
- (MS-SQL, PostgreSQL)
- Deployment (AWS, Circleci, Azure)
- MVC & Restful APIs

PROJECTS

OperatoBusiness - *MVC ASP.NET Core WebApp (August 2023)* - [Reference](#)

Operato helps operations managers keep track of their operations after setting up their enterprises,

- Set up an enterprise, add customers, track operations assigned to the products within an order, and export reports.
- Deployed using Azure and used GitHub for CI/CD.

GetSit - *MVC ASP.NET Core WebApp (June 2023)* - [Reference](#)

This project seeks to connect co-working space users with providers and aid in service management.

- Providers can join the platform, and add their halls. Customers view hall availability and book it.
- Deployed using Azure and used GitHub for CI/CD.

OnlineStore - *Typescript Restful API (November 2022)* - [Reference](#)

RESTFUL API by NodeJs, Express, and typescript integrated with a Postgres database to provide order information within a store,

- Do CRUD operations on the database, and use JWT for authentication & authorization.
- Jasmine for Unit testing and testing all endpoints in the application.

TestingPlatform - *TypeScript Restful API (March 2022)* - [Reference](#)

RESTFUL API integrated with PostgreSQL database for faculty online platform exams NodeJS.

- Add admins, and students' accounts, and question banks, create exams, and assign them to student groups.
- API documentation to support team working needs.

ACTIVITIES

Problem-solving mentor & Leader - *SVU-CPC Community (September 2021 - Present)* - [Reference](#)

Leadership in mentoring students, teaching problem-solving principles using C++, and enhancing university participation in programming competitions, such as ICPC, benefiting +150 participants.

AWARDS

- 114th place out of 200 teams in The 2022 ICPC Egyptian Collegiate Programming Contest - [Reference](#)
- 55th place out of +200 teams in The 2022 ICPC ECPC Qualifications Collegiate Programming Contest - [Reference](#)
- 39th place out of +170 team in The 2021-ICPC Upper Egyptian Collegiate Programming Contest - [Reference](#)