

# Aly Sabry Aly

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## EXPERIENCE

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### Multivac – at Dell EMC as Software Engineer

Oct 2021 - present

- Implemented a portal and a dashboard using react for an internal tool.
- Implemented and maintained a customized charts library for internal use.
- Implemented a RESTful python server using flask.
- Implemented a pipeline for data transformation/transportation using Apache Nifi.
- Implemented Unit tests for a RESTful GO server.
- Implemented CI/CD pipeline (building/testing/deploying) for different environments.
- App containerization using Docker and orchestration using docker-compose/k8s.

### Calqulate – at Coformatique as Full Stack Web Developer

Jan 2020 - Sep 2021

- Implemented <https://app.calqulate.io/> UI using React JS (TS) and apollo client.
- Implemented and extended the backend services using Node JS.
- Implemented the authentication/authorization for <https://app.calqulate.io/> using Auth0
- Developed the signup, login and invitation pages using svelte framework hosted on Auth0
- Worked on the subscription flow of <https://app.calqulate.io/> using stripe
- Semantic versioning.

### Sanofi – Freelance as Web Developer

April 2021

- Implemented, Deployed web app, quiz competition with an admin dashboard to monitor and view users score <https://sanofi-web.netlify.app/login>
- Implemented using firebase (authentication, firestore)

### Nubeqa – Freelance as Web Developer

March 2021

- Implemented, Deployed web app for an event launching. <https://nubeqa-testing.netlify.app/>
- Implemented using firebase (authentication, storage, firestore)
- Implemented Front end with React

### Sham Oil – Freelance Job as Web Developer

Dec 2019

- Developed an admin dashboard to manage products using React (TS)
- Integrated with Firebase (Firestore, Firebase Authentication) to store products and authenticate users

### Repsy – at Coformatique as Frontend Developer

July 2019 – Jan 2020

- Implemented SPA using React JS and redux for state management.
- Exposed to React UI framework Material UI

## EDUCATION

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### Ain Shams University – Class of 2019

- B.S. Computer Science – 3.08/4.0 GPA

### St Mary's Catholic High School – Class of 2015

- Advanced Level in Math / Advanced Subsidiary in Physics
- Edexcel Outstanding Achievement certificate

## SIDE PROJECTS

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## Graphql Server – Side Project

April 2021

- Built graphql server over auth0 management APIs and stripe APIs
- To build a Multi-tenant SaaS web app template
- Using Node JS, apollo server, typescript

## Event Management System – Ain Shams University

Jan 2019

- Created an Event Management System using ASP.NET MVC

## Bus Tracking System – Graduation Project

Sept 2018 – June 2019

- Created a Fleet Management System for tracking School buses
- Implemented Android Application for drivers and for end-users
- Used Firebase (Firestore) for tracking buses in real-time

## SOFTWARE SKILLS

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- **Proficient in:** Typescript, Node.js, React JS
- **Languages:** GO, Python
- **Cloud services:** Aws Services (Lambda Function, Cognito, API gateway), Firebase (Firestore, Authentication, Cloud Function), Auth0
- **Worked in:** GraphQL, REST API, SQL, GIT
- **Project Management:** Jira