

I am a full-stack engineer especially interested in designing, implementing and maintaining robust server-side code for web applications.

Education and Certifications

- **B.cs. Computer Science**, Kafr-El-Sheikh university. 2020 – 2024(expected)

Projects

- **Tweety** : A Full stack Twitter clone using (JavaScript ,Node JS , Express , MongoDB , html&css , socket IO)
You can chat with others , post tweets , retweet , like , follow and follow back.
Used JWT for authentication & authorization
Used Socket IO for real time communication (chats) and sending notifications
Used some Design patterns Like (Observer , Adapter, Factory) . [GitHub](#)
- **Tourify** : A Full stack web application that manage tours within places you specify
Based on your location and you can book it online.
Used Express framework to develop a tour booking web app.
Used pug for template rendering
Used MongoDB as DBMS, and JWT for handling authentication.
Used stripe as payment gateway to manage checkouts.
Deployed API Layers in a containerized environment with Docker and Heroku.
Handed off well-documented and easily modifiable code to client [GitHub](#)

Extracurricular

- **I volunteer** at UCCD, I worked on a project developing an app for course management at our university.
Students could book courses and schedule placement tests etc.. . I took on the responsibility of the courses and job features, even though they were not my primary tech stack. I spent two weeks learning ASP.NET Core to contribute effectively. Alongside my team, we successfully deployed the app on the university's local servers. It was a valuable experience that highlighted the importance of adaptability and continuous learning

Technologies and Languages

- Languages: JavaScript , Typescript, C# ,Java, Go
- Technologies: MySQL, Postgres, MonogDB , SQL server , Git, Redis , Docker , Node JS , Kubernetes
- Other: Data structures and algorithms, OS , Networking , Databases.

Interests

- Passionate about competitive programming , contributing in open source projects
- I love reading and playing football