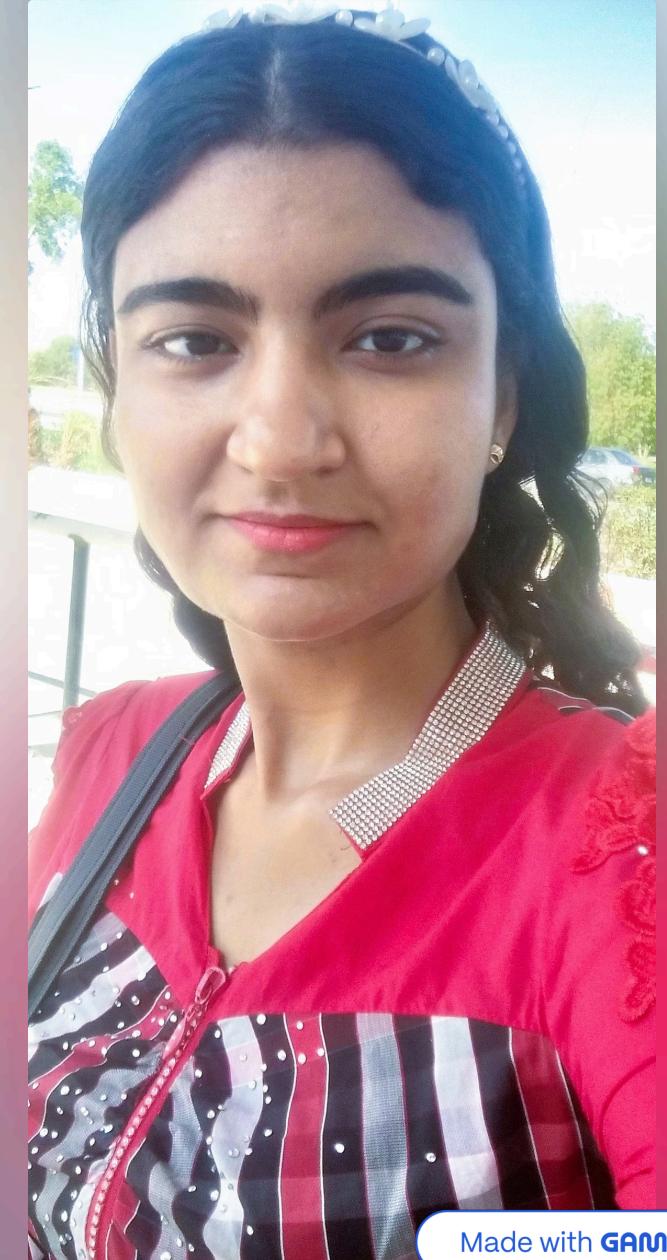


Full-Stack Developer

Semon Hany



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About Me



As a full-stack developer, I possess a diverse set of skills that span the entire software development lifecycle. From designing intuitive user interfaces to architecting robust backend systems, I am adept at tackling complex challenges and delivering high-quality solutions.

My expertise lies in leveraging the latest technologies and frameworks to create seamless, responsive web applications. I excel at translating business requirements into functional code, optimizing performance, and ensuring scalability and maintainability.

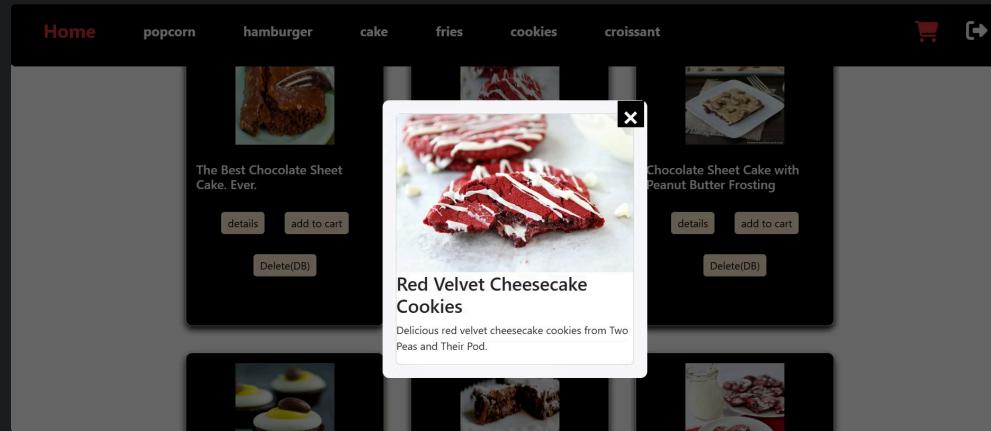
Education

Academic Education

I am currently an under-graduate student at the Faculty of Computers and Information (**FCI**) at South Valley University (**SVU**). Presently, I am in my fifth semester of study, continuing to build upon the solid groundwork I have established.

During my previous semesters, I have had the opportunity to delve into **web technology** and **database management**, which have proven to be valuable assets in shaping my career path. These specialized courses have provided me with a deep understanding of the technical aspects of web development, empowering me to tackle complex challenges with confidence.

Front-End Skills Showcase



- Proficiency in **HTML5**, **CSS3**, and modern JavaScript (**ES6+**)
- Experience with popular frameworks React, Angular.
- Strong **UI/UX** design principles with emphasis on responsive and clean layouts
- Understanding of cross-browser compatibility and performance
- integrated **angular** components with clear, clean and VScode organized code

Back-End Skills Showcase



Languages

Node.js, JavaScript, and express.js
for server-side development.



APIs

Expertise in designing and
implementing RESTful APIs.



Databases

Proficiency in SQL and MongoDB
database systems.

My project

1

Project Overview

This e-commerce website was designed for a restaurant model, featuring a variety of product categories to showcase the diverse menu offerings. The goal was to create an engaging and user-friendly platform that would allow customers to easily browse, select, and purchase items from the restaurant's selection.

2

Challenges & Solutions

One of the key challenges I faced on this project was successfully integrating the Angular front-end framework with the Express.js back-end for the CRUD (Create, Read, Update, Delete) functionality. This required careful coordination between the two components to ensure seamless data flow and a cohesive user experience.

To overcome this challenge, I developed a robust solution that leveraged Angular's powerful HTTP client module to communicate with the Express.js API endpoints. This allowed me to handle all the necessary CRUD operations from the front-end, while the back-end handled the server-side logic and database interactions.

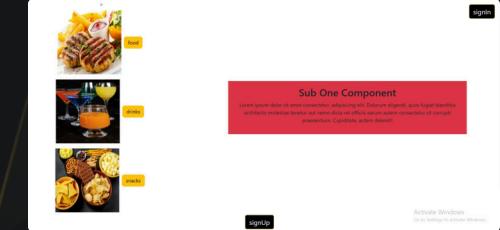
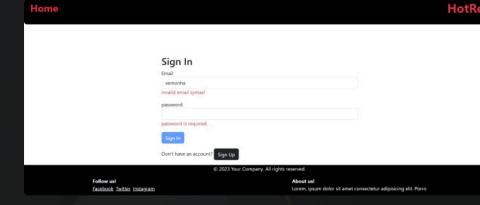
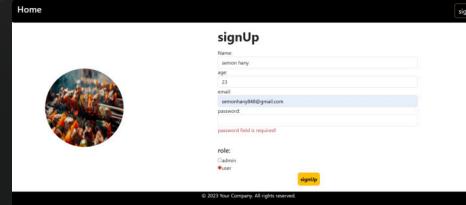
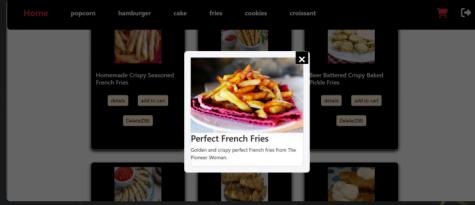
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Live Demos & Code

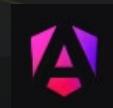
This project allowed me to put my MEAN stack development expertise into practice, integrating Angular on the front-end with an Express.js back-end and MongoDB database.

You can find the code for this project on my GitHub repository: [mean-stack/Day15 at main · semonHany2008/mean-stack](https://github.com/semonHany2008/mean-stack)

some screenshots of my project



Tools & Technologies



Training

Courses with ITI:

- front-end track with the basics of HTML, CSS, JS and Angular framework
- JavaScript course with ITIDA

Courses with GDG:

- Cybersecurity
- Core Programming
- Web Technology

* **Recently**, I took mean-stack track presented by NTI.

Available Services



Web Development

- Full-Stack Web Application Development (Frontend & Backend)
- Responsive website design (mobile & desktop)
- E-commerce website development
- Admin panels and dashboard creation



Frontend Development

- Building modern user interfaces using **Angular**
- HTML5, CSS3, JavaScript (ES6+)
- Component-based UI design
- Integration with RESTful APIs
- SPA (Single Page Application) development



Backend Development

- Server-side logic using **Node.js** & **Express.js**
- MongoDB database modeling and integration
- CRUD operations and API endpoints
- Authentication & authorization (JWT, sessions)
- Error handling & validation

Contact Me



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