

Youssef Zakaria Mahmoud

Full-Stack Developer

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Summary

Motivated and adaptable Full-Stack Developer with hands-on experience in both front-end and back-end development. Known for learning new technologies quickly and applying them efficiently in real-world projects. Contributed as an instructor at GDG On-Campus, led multiple full-stack applications, and ranked 1st in the TIEC back-end development course. Proficient in building scalable, secure, and user-friendly web solutions using Angular, Node.js, Express, MongoDB, and Socket.io. Passionate about clean code, teamwork, and continuous learning.

Education

Third-year student at the Faculty of Computers and Artificial Intelligence, South Valley National University.

09/2027

Department: Artificial Intelligence. (Grade: B+)

Experience

Web development Instructor – GDG On-Campus, South Valley University — Oct 2024 to Apr 2025

- Delivered training sessions and workshops on web development fundamentals
 - Mentored junior developers and helped them build their first projects
 - Collaborated with the GDG team on organizing tech events and managing GitHub repositories

Technical Skills

Languages: JavaScript (ES6), TypeScript, C++, Python, HTML5, CSS3, SQL

Frameworks/Libraries: Angular, Node.js, Express, Bootstrap, TailwindCSS, Socket.io

Databases: MongoDB, MySQL (basic)

Tools: Git, GitHub, Postman, AI Tools

Other Skills: OOP, Data Structure, Algorithms, Problem Solving , JWT Authentication, Responsive Design

Soft Skills:

Problem Solving, Communication, Team Collaboration, Time Management, Fast learner with the ability to quickly adapt to new technologies and environments

Projects:

- ◆ "متاح" - Freelancing & Crafts Website | Angular, TailwindCSS, Node.js, Socket.io

- Developed a culturally relevant platform for connecting freelancers and clients. Implemented real-time chat, order lifecycle management, JWT authentication, payment gateway, and a fully responsive UI. Integrated geolocation to display nearby workers within a 5 km radius on an interactive map.

- ◆ **Jumia Clone - E-commerce SPA** | Angular, TypeScript, JSON-Server: [Show here](#)

- Built a fully responsive online store with dynamic product modals and cart system.

- Used Angular services, guards, and observable design patterns

- ◆ **Real-Time Chat Room** | Node.js, Express, Socket.io: [Show Here](#)

- Developed a chat app with custom Room ID functionality and real-time messaging

- Handled user sessions and seamless client-server communication

- ◆ Movie Website (No Frameworks) | HTML, CSS, JavaScript: [Live Demo](#)

- Created a feature-rich movie platform with trending, upcoming, and top-rated sections. Integrated third-party APIs for dynamic content, built a custom watchlist, and implemented an AI-powered recommendation feature that suggests movies based on the user's mood.

Courses

- **Front-End Fundamentals (120 Hours) - ITI**

Focused on HTML5, CSS3, JavaScript, TypeScript, Bootstrap and Angular

- **Back-End Web Development (120 Hours) – TIEC**

Ranked 1st among all trainees [take a look](#). Focused on writing clean and maintainable code, structuring scalable applications, and implementing authentication using JWT. Covered key technologies including Node.js, Express.js, MongoDB, RESTful APIs, and Socket.io.

Languages

Arabic: Native-full working proficiency.

English: Highly proficient in speaking and writing.