

# Mahmoud El-Sayed Shalaby

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## PROFESSIONAL SUMMARY

Junior Full Stack Developer with strong foundations in web development and experience to build scalable RESTful APIs and responsive UIs. Passionate about problem-solving, quick learner, eager to contribute to dynamic teams.

## EDUCATION

### Benha University

*Bachelor's in Computers and Artificial Intelligence*

**Graduation Project :** Smart Glasses For Blind Using Machine Learning

2019 – 2023

GPA: 3.33 (84.6%)

**Grade : A+**

## INTERNSHIPS

### Information Technology Institute ( ITI ) - New Capital Branch

*Full Stack Development (Open-Source Track)*

03/2025 – 08/2025

*Intensive Program*

## SKILLS

- **Technical:** HTML, CSS, Bootstrap, Tailwind, JavaScript (ES6+), TypeScript, Angular, React, Node.js, PHP (Laravel), MySQL, NoSQL (MongoDB), Linux, Apache, Firebase, Git/GitHub, Network, Python, C++
- **Interpersonal:** Communication, Presentation, Problem Solving, Team Building, Critical Thinking, Teamwork
- **Languages:** Arabic (Native), English (B2) ,German (A2)

## PROJECTS

### Paper Shelf - Online Bookstore

*Angular 17 – Node.js , Express.js , MongoDB – JWT*

Developed a full-featured online bookstore with multi-role access (Admin, Author, User), AI-powered book summaries, complete e-commerce experience, and integrated payment gateway. Implemented secure authentication using JWT, OTP, and bcrypt, integrated Stripe payment, and added AI-based book summaries using OpenAI API. **Links :** GitHub Backend – Frontend – Live Demo

### Pack&Go E-Commerce App

*HTML, CSS, Vanilla JS – Firebase, Fire store – PayPal API*

A Modern, Fully Featured E-Commerce Website Specializing in Bags and Travel Accessories with Payment Gateway Integration Using PayPal Api's **Links :** GitHub – Live Demo

### AI Haircut Suggestion & Booking

*HTML, CSS, Vanilla JS – Firebase, Fire store – PayPal API*

An Angular project designed to help users find the perfect haircut using AI-powered facial recognition technology and book the most suitable appointment for the person based on available appointments. **Links :** GitHub – Live Demo

### HealthCare Information System

*Laravel, PHP, JS, HTML/CSS, REST API, Git*

Designed patient management dashboard and tested APIs with Postman. Implemented real-time consultations with Agora SDK.

## COURSES AND CERTIFICATES

- Back End Web Development Diploma – Route Academy (2024)
- Full-Stack Web Development Bootcamp – Udemy (2023)
- Mastering Object-Oriented Programming (OOP) using C++ (2023)

## ADDITIONAL ACTIVITIES

**Core Team Web Development – Web Committee**

IEEE Benha University (2023)

**Instructor and Mentor – Web Committee**

Google Developer Student Club – Benha University (2022)