

# OSAMA ROMIH

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## PROFILE

Full Stack Developer skilled in building modern and interactive web applications using both front-end and back-end technologies. Strong experience in responsive UI development with Angular, HTML, SCSS, and JavaScript, as well as developing RESTful APIs with Node.js, Express, and MongoDB. Passionate about clean code, scalable architecture, and enhancing user experience. Experienced in Firebase, Git, NPM, Docker, and ERPNext, and always eager to learn and stay updated with the latest tech trends.

## TECHNICAL & PROFESSIONAL SKILLS

### Programming Languages & Markup

HTML5, CSS3, SCSS

JavaScript (ES6+), TypeScript

#### ◆ Front-End Development

Angular, Angular Material

Bootstrap, Ng-Bootstrap, Tailwind CSS

Responsive Design, Component-based Architecture

RxJS, Forms (Reactive & Template-driven)

#### ◆ Back-End Development

Node.js, Express.js

MongoDB (CRUD Operations, Aggregation Pipeline)

Firebase (Authentication, Firestore, Hosting)

RESTful APIs Design & Integration

ERPNext (Customization & API Integration)

### ◆ Tools & Platforms

Git, GitHub, NPM, Command Line Tools

Deployment: Firebase Hosting, Render

Cloud Storage: AWS S3, Azure , Cloudinary

Postman, Chrome DevTools

Docker (Containerization & Deployment)

### ◆ Soft Skills & Team Collaboration

Agile / Scrum Basics

Problem-Solving & Debugging

Team Collaboration using Git & GitHub

Self-learning & Continuous Improvement

## EDUCATION

Bachelor's in Education Technology

Al-Azhar University – Cairo | 2021 – 2022

Graduated with Very Good and Honors

## WORK EXPERIENCE

Full Stack Developer – Freelance & Team Projects

2023 – Present

- Personal Projects:
  - Developed landing pages using HTML, CSS, JavaScript, and Bootstrap.
  - Built a small e-commerce app using Firebase for authentication and data handling.
  - Developed full-stack web apps using Angular (front-end) and Node.js/Express with MongoDB (back-end).
    - Built an educational platform project to support student-teacher interaction and content delivery.
  - Built a project called "Tartebat" for managing company operations including scheduling, roles

- Developed a 'Career Officer' platform to help students learn programming and track progress, with admin and user dashboards.
- ▪ Educational Platform:
  - Collaborated with a team to build an online learning platform connecting students with teachers.
  - Developed the student portal with session scheduling, live chat, progress tracking, and lesson reports.
  - Integrated Firebase backend, including API handling and role-based access.
  - Built RESTful API for managing sessions and user roles using Express.js and MongoDB.
- ▪ Tourism Project:
  - Designed a booking system for individuals and institutions visiting Egypt.
  - Created tour packages and integrated user-friendly forms using Angular.
  - Managed backend booking logic and data storage using Node.js and MongoDB.
- **ERPNext Project – "Dajin System" (Accounting & Operations):**
  - Developed and customized ERPNext modules for accounting and operations management.
  - Integrated ERPNext with Angular front-end via REST API for smooth data interaction.
  - Designed dashboards for tracking sales, inventory, and financial reports.
  - Deployed the system using Docker for easy scalability and maintenance.

## LANGUAGES

- Arabic: Native
- English: Good command (Reading, Writing, Speaking)