



Mina Maged Samer

Product Design Engineer | Full Stack Web Developer

 Cairo, Egypt

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 [Portfolio](#)

 [LinkedIn](#)

Professional Summary

Passionate and motivated third-year Computer Science student with hands-on experience in product design and web development. Adaptable, quick to learn, and committed to continuous improvement. Skilled in teamwork, problem-solving, and communication, with a strong technical foundation. Seeking opportunities to apply knowledge, develop new skills, and contribute to team success.

Experience

Product Design Engineer

Shadel – Cairo, Egypt | Feb 2024 – Present

- Designed and developed 15+ custom kitchen equipment models for cafes and restaurants worldwide using AutoCAD and SolidWorks 3D.
- Created 30+ detailed 2D AutoCAD MEP drawings (mechanical, air, gas, plumbing) for kitchens and hotels, ensuring compliance with safety and operational standards.
- Ensured 100% of products met international standards and client specifications, resulting in a 25% improvement in operational efficiency.
- Collaborated with clients and engineers to tailor designs, reducing installation errors by 20%.

Full Stack Web Developer (Freelance)

Remote | Jan 2025 – Present

- Built and deployed 5+ full stack websites with integrated databases using React, Node.js, and MongoDB.
 - Developed and managed relational databases to support dynamic content and user management for over 3,000 monthly active users.
 - Delivered secure, responsive solutions that increased clients' conversion rates by up to 35%.
 - Implemented deployment workflows using Vercel and GitHub for continuous delivery.
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Projects

- **Kitchen Equipment Design:** Led the design and delivery of 15+ kitchen models now used in multiple restaurants, supporting efficient workflows and compliance with international standards.
- **MEP Drawings for Hospitality:** Produced 30+ 2D AutoCAD MEP drawings for kitchens and hotels, integrating air, gas, and water systems for safe and efficient utility distribution.
- **Web Development Portfolio:** Developed and launched 5+ full stack websites, including a portfolio site for a general trade company, improving digital branding and client engagement.

Education

Bachelor of Computer Science

Arab Open University – Cairo, Egypt

Sep 2023 – Jun 2027

High School Diploma

Al-Qobba Military School

Sep 2021 – Jun 2023

Certifications & Courses

- AutoCAD 2D (Completed)
 - AI Full Diploma (In Progress: Jul 2024 – Nov 2024)
 - SolidWorks 3D and Sheet Metal Design (Self-Study)
 - JavaScript Algorithms and Data Structures (freeCodeCamp)
 - Git & GitHub Crash Course (Udemy)
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Skills

Technical Skills:

- AutoCAD, SolidWorks 3D, Sheet Metal Design, MEP Design
- Python, Java, JavaScript, C/C++, HTML, CSS, SQL
- Web Development (React, Node.js, Express, MongoDB, MySQL)
- Git, GitHub, Vercel
- Database Management, Deployment Pipelines

Soft Skills:

- Problem-solving, Analytical Thinking
 - Teamwork, Communication
 - Critical Thinking, Creativity
 - Time Management, Project Management
 - Leadership (Scout Leader Experience)
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Languages

- **Arabic:** Native
 - **English:** Proficient (B2)
 - **French:** Intermediate
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