

Sarah Mohamed

+201022230232 | sarahmohamed1928@gmail.com | El Obour, Egypt | linkedin.com/Sarah | github.com/Sarahh1928

EXPERIENCE

Freelance Full Stack Developer <i>Medtik (medtik.net)</i>	Aug 2025 – Oct 2025 Remote
<ul style="list-style-type: none">Developed a healthcare management platform using Angular, Node.js, Express.js, and PostgreSQL.Built and integrated RESTful APIs for seamless communication between front-end and back-end services.Focused on delivering scalable, secure, and user-friendly interfaces to enhance system efficiency.	
Software Developer <i>Enosh Science Center</i>	Aug 2024 – April 2025 Cairo, Egypt
<ul style="list-style-type: none">Developing internal web applications to streamline operations and enhance user experience.Focused on improving functionality, usability, and performance in web development projects.	
NBE Intern <i>National Bank of Egypt</i>	Aug 2023 – Sep 2023 Cairo, Egypt
<ul style="list-style-type: none">Participated in banking software security analysis and architectural discussions.Contributed to improving authentication systems and identifying cybersecurity vulnerabilities.	

EDUCATION

German University in Cairo <i>Bachelor of Science in Computer Engineering</i>	Cairo, Egypt Oct 2020 – July 2025
-----------------------------------------------------------------------------------------	--------------------------------------

BACHELOR'S PROJECT

GUI for Hybrid Photonics Integration System	
<ul style="list-style-type: none">Supervised by: Dr. Haitham OmranDeveloped a user-friendly Graphical User Interface (GUI) to control Hybrid Photonics Integration (HPI) systems.Enhanced real-time monitoring and control of subsystems, including Machine Vision, Beam Profiling, Positioning, Laser Control, and Temperature Control.Implemented hardware integration using Python and designed the GUI with Java, improving usability and responsiveness.	
Frontend: Angular, React.js, TypeScript, JavaScript, HTML5, CSS3	
Backend: Java, Spring Boot, Node.js, Express.js, Python, C	Tools & Platforms: Git, Docker, Agile (Scrum), Unity
Databases: PostgreSQL, MongoDB, SQL	UI/UX: Figma

SKILLS

Frontend: Angular, React.js, TypeScript, JavaScript, HTML5, CSS3	
Backend: Java, Spring Boot, Node.js, Express.js, Python, C	Tools & Platforms: Git, Docker, Agile (Scrum), Unity
Databases: PostgreSQL, MongoDB, SQL	UI/UX: Figma

PROJECTS

Scalable E-commerce System	Java, Spring Boot, Docker, PostgreSQL, MongoDB
Developed a high-performance backend for a large-scale e-commerce platform with a focus on scalability and maintainability.	
Healthcare System	MERN Stack, Agile
Developed an online Pharmacy platform integrating with Virtual Clinic using Agile methodology and GitHub for team collaboration.	
Sports Match Database	SQL, C#
Implemented a database system for tracking match data and fan attendance.	
Game Development	C, Unity
Created multiple games, including an endless runner and a Diablo-inspired game, focusing on mechanics, UI, and team-based development.	

CERTIFICATIONS

Meta Front-End Developer Professional Certificate Program

Coursera – August 2023

Software Development - React Web Developer

Digital Egypt Pioneers Program – October 2024