

MAIS SARHAN

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Tubas , West-Bank, Palestine

Experienced Full Stack Developer and Computer Systems Engineer skilled in designing, developing, and maintaining scalable software solutions across **Front-End**, **Back-End**, and **AI & ML** Technologies.

SKILLS

- **Programming Languages:** Java, C++, PHP, JavaScript, Python
- **Web Development:** Node.js, Express.js, HTML5, CSS3
- **Machine Learning & AI:** XGBoost, LightGBM, Convolutional Neural Networks (CNNs)
- **Software Development:** Object-Oriented Programming (OOP), UML
- **Tools & Technologies:** GitHub, Git, Docker, Jupyter Notebooks
- **Big Data & Cloud Technologies:** Hadoop, MapReduce, MongoDB
- **Database Management:** MySQL, MongoDB

EXPERIENCE

Quantum Computing – Centrifugal Separation Project Remote | Jan 2025

During a hackathon organized by the Palestinian Ministry of Education and Higher Education.

We conducted research on the use of quantum computing techniques to improve centrifugal separation methods. Separation accuracy and processing speed were improved through quantum simulation.

Front-End Web Developer Remote | May 2024 – Oct 2024

Udacity with Spark, Google, & Palestine Launchpad.

Built responsive web applications using modern front-end technologies.
Gained expertise in Node.JS, JavaScript, HTML, CSS, and front-end frameworks.

Problem Solving Training – Level 2 Remote | Jan 2024 – Mar 2024

Code Academy

Developed problem-solving skills using C++ and trained in various algorithmic techniques.
Practiced data structures including Stack, Set, Map, Vector, and participated in complexity contests.

Quantum Computing Researcher – Hackathon Projects Ministry - Ramallah | Jan 2023

During a hackathon organized by the Palestinian Ministry of Education and Higher Education.

Developed quantum computing applications for extracting treatments from agricultural crops.
Applied quantum algorithms to enhance precision and efficiency in biochemical extraction processes.

PROJECTS

Haven – AI-Powered Childcare Support Platform Academic Project | 2025

Developed a full-stack web application with **Node JS** and **My SQL** to support parents in monitoring and managing childcare from pregnancy through a child's third year.

Integrated **artificial intelligence (AI)** and **machine learning (ML)** to classify infant crying sounds.

Implemented features for doctor appointment booking, secure admin login, and doctor scheduling management.

[GitHub Link](#) [WebSite information](#)

All my projects can be found on my website, such as projects in the language. [All my projects Link](#)

EDUCATION

Front-End Web Developer Nanodegree – Udacity	(May 2024 – Oct 2024)
B.A., Computer Systems Engineering Palestine Technical University (PTUK)	(Oct 2021 – June 2025)