

Masa Masri

Backend Developer

Nablus, Palestine

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EDUCATION

Bachelor's Degree in Computer Engineering

An-Najah National University, Nablus, Palestine

GPA: 3.31/4.0 (High Good)

Sep 2019 – June 2024

EXPERIENCE

Happierleads, UK, Remote - Backend Developer Intern

Oct 2024 – Present

- Collaborated on developing and optimizing backend services using **Node.js** and **MongoDB**.
- Contributed to debugging and improving existing codebases to enhance system performance and reliability.

Gaza Sky Geeks, Online - Software Engineer Intern

Jul 2024 – Oct 2024

- Completed **100** hours of Market Ready Developer Training.
- Enhanced problem-solving skills, solving **40+** problems on [my LeetCode profile](#).
- Proficient in data structures, object-oriented programming, and the application of architectural and design patterns.
- Mastered version control with Git, focusing on branch management.
- Developed essential teamwork, communication, and project management skills.

Palestine Launchpad with Google Program, Online - Data Analyst Intern

May 2024 – Aug 2024

- Completed the Data Analyst Nanodegree in collaboration with Udacity, focusing on Python-based data analysis, data wrangling, visualization, and statistical techniques.

Northern Electricity Distribution Company, Nablus - Computer Engineer Intern

Feb 2024 – May 2024

- Programming and development with C#, .NET Framework, and providing technical support.

Gaza Sky Geeks, Nablus - Flutter Developer Intern

Sep 2022 – Dec 2022

- Completed **120** hours of Mobile Development technical training with Flutter, Firebase, and SQLite.

SKILLS

Programming Languages: Java, Python, C#, SQL, C/C++, HTML, CSS, JavaScript, PHP, Dart
Frameworks: Laravel, Node.js
Databases: SQL Server, Oracle, MongoDB, Firebase
Operating Systems: Windows, Linux
Compilers: Basics of scanners, parsers, optimizers, code generators

PROJECTS

QuizHub - React and Laravel

[GitHub Repository](#)

- Collaborated in a team of four as the backend developer.
- Developed a platform with user management, enabling quiz creation with various question types.
- Engineered real-time scoring logic, ensuring immediate feedback for quizzes, and enhancing user experience.

Job App - Node.js

[GitHub Repository](#)

- Developed a backend application with robust APIs for managing job applications.
- Implemented functionality for users to apply for positions, attach PDF resumes, and perform advanced job searches.

CONFERENCES

22nd International Conference on Research and Education in Mechatronics (REM 2024) *Hosted by the German Jordanian University at the King Hussein Convention Center, Dead Sea, Jordan* on **September 24 – 26, 2024**

Presented the research paper "*Triangulation-Enhanced WiFi-Based Autonomous Localization and Navigation System*," which I co-authored with Dr. Suleiman Abu Kharmeh, Dr. Emad Natsheh, and Rahaf Nasrallah. This work, showcased in the *Robotics and Autonomous Systems* track, highlights the development of our navigation robot utilizing Wi-Fi Received Signal Strength Indication (RSSI) for indoor localization and navigation. The conference provided a platform to discuss cutting-edge advancements in robotics and autonomous systems.

The paper is published in IEEE Xplore and can be accessed through the following link: [IEEE Xplore - Triangulation-Enhanced WiFi-Based Autonomous Localization and Navigation System](#).