

# Hazem Nasr Radwan

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## Professional Summary

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Full-Stack Developer with experience building web applications using JavaScript, Java, SQL, and modern frontend technologies. Skilled in developing database-driven systems and integrating frontend with backend services. Combines technical expertise with experience in IT support, business development, and project management to deliver scalable, real-world solutions.

## EDUCATION

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### Nile University

Bachelor of Information Technology & Computer Science.

Major in Biomedical Informatics

Cumulative GPA: 3.55/4.0 (Very good with honors)

Giza, Egypt

Graduated 2024

## Technical Skills

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**Programming Languages:** Java, JavaScript, Python, PHP, C, SQL

**Frontend:** HTML, CSS, JavaScript, React

**Backend:** Node.js, Django, .NET Framework

**Tools & Technologies:** Git, GitHub, Firebase, REST APIs, JSON

## Courses

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### Full-Stack Web Development Bootcamp

Udemy – Dr. Angela Yu

- Learning full-stack web development including HTML, CSS, JavaScript, and React
- Building responsive user interfaces and interactive web applications
- Developing backend services using Node.js and Express.js
- Working with RESTful APIs and databases (MongoDB, SQL)

## WORK EXPERIENCE

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### Anamill Company. (Startup Company)

Business Development & Project Management Lead

Saudi Arabia, Riyadh

March 2025 – Present

- Led business development initiatives by establishing partnerships with multiple retail outlets and expanding product distribution.
- Managed project execution for product launches and retail collaborations, ensuring timely delivery and coordination with partners.
- Designed and implemented a centralized inventory and sales tracking system using **Odoo ERP** to improve operational visibility and streamline operations.
- Coordinated cross-functional activities including product branding, retail onboarding, and sales reporting.
- Oversaw project timelines, deliverables, and performance tracking to support business growth and operational efficiency.

## PROJECTS

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### Minicab Booking System (Fullstack Project)

May 2026

**Technologies:** Node.js, Express.js, MySQL, Sequelize ORM, HTML, CSS, JavaScript, Git

- Designed and implemented a relational database using **MySQL** with **Sequelize ORM**.
- Developed a multi-step booking flow (route selection → vehicle selection → passenger details → confirmation)
- Built RESTful APIs for booking creation, retrieval, and cancellation.
- Integrated backend validation for booking data and error handling.
- Created seed scripts to populate initial data (vehicles and airports).

### Inventory & Sales Management System (Business + Web Solution)

Nov 2025

**Technologies:** Excel, Google Sheets, React.js

- Built a centralized system to track inventory across multiple outlets and reduce manual tracking errors.
- Developed automated dashboards and reports using Excel and Google Sheets (Pivot Tables, formulas, and data validation).
- Created a **React.js**-based dashboard for managing products and stock through a responsive UI
- Improved operational visibility by enabling structured tracking of sales and stock levels

## Ambulance Routing Optimization (Graduation Project)

Oct 2023 - July 2024

**Technologies:** Flutter, Firebase, Machine Learning, HTML, CSS

- Developed a real-time system that identifies the fastest routes for ambulances to CT-ready hospitals.
- Implemented machine learning algorithms to optimize hospital selection based on availability and distance.
- Built a mobile interface using **Flutter** for real-time navigation and user interaction.
- Integrated **Firebase Realtime Database** for live data updates and system communication.

## Airline Reservation System

May 2022

**Technologies:** Java, SQL, HTML, CSS, JavaScript

- Developed a web-based airline reservation platform allowing users to search flights, book tickets, and manage reservations.
- Implemented backend logic using **Java** to handle booking validation, user authentication, and database operations.
- Designed and managed a **SQL relational database** to store flight schedules, passenger data, and reservation records.
- Built responsive frontend interfaces using **HTML, CSS, and JavaScript**, integrating them with backend services for real-time seat availability.

## Online Pharmacy Website with Chatbot

Feb 2024

**Technologies:** PHP, HTML, CSS, Chatbot Integration

- Developed a full-stack e-commerce website for an online pharmacy.
- Implemented product search, order management, and a chatbot for medication information.
- Built frontend interfaces using HTML and CSS and backend logic using PHP.
- Improved digital customer engagement and increased online sales by 25%.

## Dysarthria Detection

Mar 2024

**Technologies:** Python, Machine Learning, Speech Processing

- Developed a machine learning model to detect **dysarthric speech patterns** from recorded audio samples.
- Implemented audio preprocessing and feature extraction techniques to analyze speech characteristics.
- Trained and evaluated classification models to identify speech impairments with improved detection accuracy.
- Designed the system to support early diagnosis assistance for neurological speech disorders.

## Trainings

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### IT Support Trainee

Alessa Industries - Riyadh, Saudi Arabia

Nov 2024 - March 2025

- Provided first-level technical support for office users and resolved hardware and software issues.
- Installed and configured Windows operating systems on desktop and laptop devices.
- Performed system troubleshooting and routine maintenance to ensure operational efficiency.

### Data & Health Analytics Trainee

Health Insights Group - Cairo, Egypt

Aug 2023

- Assisted in analyzing healthcare-related datasets to extract insights and support data-driven decisions.
- Gained exposure to healthcare analytics concepts, data processing, and reporting techniques.
- Collaborated with team members to understand real-world applications of data in healthcare systems.

### Biomedical Informatics Trainee

Children's Cancer Hospital 57357 – Cairo, Egypt

Aug 2022

- Observed hospital information systems used for managing clinical and patient data.
- Gained practical exposure to healthcare technology applications and medical data workflows.
- Learned how informatics systems support clinical decision-making and hospital operations.

## Achievements

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Nile University Giza, Egypt

- IEEE Publication for Graduation Project: *"Ambulance Routing Optimization"* Aug 2024
- Certificate of Excellence for Graduation Project – Score: 100/100 July 2024
- Fourth Place UGRF(Undergraduate Research Forum) for Dysarthria Detection Project Jan 2024
- Honors Certificate – GPA 3.81 Semester Achievement Feb 2024