Computer Science · B.Sc. 2024 / Saudi Arabia

Qusai Magdeldin Mustafa

IT Support Specialist & Full-Stack Developer

I keep systems running and build the software that runs a business. Hands-on IT support in a hospital environment, from Oracle Linux servers and networks to desktops and Windows imaging, plus a production POS and accounting system I built in Next.js and TypeScript that a real store uses every day.

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2	5	13+	25K
Professional roles	Software projects	POS system modules	Views on one tech video

Experience

IT Support Technician

Military Hospital, IT Department · Saudi Arabia

Through a contractor company serving the hospital

- Installed and configured servers on Oracle Linux and organized the server room.
- Diagnosed network and connectivity issues, including latency and response-time testing.
- Set up internal file sharing and fixed internet and file-access problems across departments:
  `Finance` `Administration` `Warehouses` `Quality`
- Maintained desktop PCs: replaced failed HDDs, installed Windows and prepared machines for users.
- Built Windows images to speed up system re-installation.
- Wrote Python tools for daily support work, including a device label printing tool.

Technical Operations Supervisor

Teqeng PC & Tech Store · Saudi Arabia

- Run daily store operations and supervise the team.
- Oversee repairs, maintenance and custom PC builds.
- Manage inventory, products, pricing and offers.
- Work with customers to understand what they need and recommend the right hardware.
- Manage marketing content and keep improving the customer experience.
- Track sales and cash flow through the POS and accounting system I built, with tools for staff performance, goals and data analysis.

Projects

EDUCATION

Future University

Bachelor of Science in Computer Science

2018 – 2024

SKILLS

IT & Infrastructure

`IT Support` `Windows` `Hardware` `PC Assembly` `Networking` `File Sharing` `Oracle Linux` `Server Room` `Documentation`

Development

`Next.js` `React` `TypeScript` `JavaScript` `Python` `Prisma` `SQL / SQLite` `Flask` `Tailwind CSS` `HTML / CSS` `C++` `Java`

Operations

`Team Management` `Inventory` `Customer Service` `Problem Solving` `Process Improvement` `Digital Marketing`

POS & Accounting System

● In production

A full point-of-sale and business management system built for Teqeng and used in the store daily.

`Next.js 14` `React` `TypeScript` `Prisma` `SQLite` `NextAuth.js` `Tailwind CSS` `Recharts`

- ✓ Point of sale
- ✓ Sales & invoices
- ✓ Inventory & products
- ✓ Customers & suppliers
- ✓ Expenses & revenue
- ✓ Repair tickets
- ✓ Warranty tracking
- ✓ Staff & permissions
- ✓ Financial reports
- ✓ Partners
- ✓ Cash drawer & movements
- ✓ Invoice, barcode & QR printing
- ✓ Data backups

LabelStudioPro

Designs and prints product and device labels on thermal printers, with templates and product codes.

`Python` `TSPL` `TSC printers`

Hospital IT MINI

A helpdesk tool for hospital IT: logs support requests, tracks their status, organizes maintenance and prints device labels.

`Python` `ttkbootstrap` `pywin32` `Zebra GK420T`

Maintenance Studio

A desktop app for organizing repair work and managing technical tasks.

`Python` `Tkinter` `ttkbootstrap`

RentManager

A web app for managing rentals.

`Python` `Flask` `SQLite`

Tech Content

TikTok `@teqeng`

7.6K	72.7K	141
Followers	Likes	Videos

25K

views on a single video about a key-tracking tool

- Tech content for TikTok, Snapchat, Instagram and YouTube.
- Scripts for short videos on PC problems and their fixes.
- Product promotion, marketing ideas and offers.
- Tracking views and engagement to improve what works.