

Faris Yousef Alrusaini

Full Stack Web Developer

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Summary

Full Stack Developer & IoT Specialist with expertise in C++, Python, and Cloud Automation. Skilled in building educational platforms and hardware-software integrations with a focus on UI/UX design. A results-driven professional dedicated to solving complex engineering challenges through technical precision and high performance under pressure.

Education

Diploma in Programming and Development [📄](#), *Technical College of Qassim*
GPA:3.98

2025
Qassim, Saudi Arabia

Professional Experience

Technical support at [📄](#), *Qassim Maternity And Children's Hospital*

- **OS & Software:** Handled system deployments, formatting, and software configurations.
- **Networking:** Resolved connectivity issues and managed IP configurations.
- **Hardware:** Installed and maintained network printers and essential peripherals.
- **Data Safety:** Performed regular data backups and ensured system security.

Projects

Graduation project [📄](#), *Technology Guide*

Developed an educational web platform for Technical College curricula as a graduation project, featuring an administrative system that allows supervisors to manage and publish instructional lessons delivered through embedded videos and downloadable PDF materials.

Certificates

Data Entry and Word Processing, Microsoft office programs professional certificate in Data entry and word processing From the Gulf Institute for Training and Education For six months with a very good rating and a total 240 of training hours [📄](#)

Hackathon

Robot Programmer [📄](#), *RoboRumble*

2026

- **Robot Dev:** Programmed a combat robot using **C++** and **ESP-32**.
- **Connectivity:** Integrated **Bluepad32** for wireless controller pairing.
- **Collaboration:** Optimized robot logic in a 3-day intensive competition.

Skills

Front-End Development

HTML, CSS, JavaScript

Back-End Development

PHP, Rust,C++, Python, Java, Kotlin, Lua

Databases

PostgreSQL,SQLite3

APIs & Automation

REST APIs, Automation, n8n (Workflow Automation)

Linux & Containerization

Linux Systems, Docker, CLI, Environment Configuration

Data Serialization

JSON, yml

UI/UX Design

Wireframing, Mockups, Prototyping, UI/UX

Development Tools & Engines

GitHub, VS Code, Arduino IDE, Figma, Android Studio, Gemini Ai, n8n, AI Agent

Embedded Systems

C++, ESP-32, Microcontrollers

IoT & Connectivity

Bluetooth Low Energy (BLE), Wireless Protocols, Hardware Integration

Languages

- Arabic
- English