

Bilal Mohammad Aydi

Electronic Engineer

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📍 Riyadh, Saudi Arabia

Transferable Iqama | Available Immediately

Summary

Recent Electronic Engineering graduate from the University of Bahrain with strong expertise in IoT, industrial automation, and embedded systems. Skilled in microcontroller programming (Arduino, ESP32), renewable energy systems, and technical marketing. Proven ability to combine technical knowledge with customer-facing roles. Seeking opportunities in electronics design, automation, renewable energy, or IoT solutions.

Education

Bachelor of Electronic Engineering

University of Bahrain

Experience

Renewable Energy Intern

Al Mawrqi Construction LLC | Riyadh, Saudi Arabia

- Trained in solar power generation systems with focus on installation and operation.
- Assisted in photovoltaic system setup and maintenance procedures.
- Learned industry best practices for renewable energy implementations.

Technical Marketing Representative

STC (Saudi Telecom Company) | Riyadh, Saudi Arabia | 2022–2023

- Marketed telecom solutions, including IoT-enabled SIM cards and network services.
- Provided technical consultations on network infrastructure capabilities. Bridged technical and commercial teams to support client acquisitions.

Event Operations Coordinator

Boulevard City | Riyadh, Saudi Arabia | 2021–2022

- Coordinated event logistics and supported daily operations.
 - Assisted in crowd management and visitor services.
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Engineering Projects

Smart Water Management System | Senior Project

- Designed an IoT-based irrigation system using ESP32 microcontroller.
 - Integrated soil moisture, temperature, and water level sensors for automated control. Developed real-time monitoring and data logging capabilities.
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Certifications & Training

- **Introduction to the Internet of Things and Digital Transformation**
 - **Classic Control**
 - **Data Analytics Essentials**
 - **Introduction to Modern Artificial Intelligence**
 - **Introduction to Cybersecurity**
 - **Occupational Health and Safety Management (OSHA Standards)**
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Languages

- **Arabic:** Native Proficiency
 - **English:** Professional Working Proficiency
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