

Company Name: **adorsho praniSheba Ltd**

Position Title: IoT Engineer

Job Location: Dhaka, Bangladesh

Job Type: Full-time, On-site

### **Experience Required**

Minimum 1 years of relevant experience in IoT, embedded systems, firmware development, or hardware integration.

### **Job Summary**

We are looking for a skilled and motivated IoT Engineer with at least 1 years of hands-on experience in designing, developing, testing, and deploying IoT-based hardware and software solutions. The candidate should have practical knowledge of microcontrollers, sensors, firmware development, communication protocols, cloud integration, and device-to-cloud data communication.

The selected candidate will work on IoT devices, embedded platforms, sensor-based systems, edge solutions, automation systems, and cloud-connected applications for R&D and production-level projects.

Application Link: <https://lnkd.in/gKSWyUgK>

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প্রাণিসেবা

WE ARE  
HIRING!

IoT Engineer



Join our team and be part of innovative IoT solutions that are shaping the future of smart devices, automation, and connected systems.



LOCATION

Dhaka,  
Bangladesh



JOB TYPE

Full-time,  
On-site



EXPERIENCE

Minimum 1 year  
of relevant  
experience



APPLY BY

12 May, 2026



JOB SUMMARY

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KEY RESPONSIBILITIES

- Design, develop, test, and deploy IoT devices, sensor systems, and embedded solutions.
- Develop firmware for microcontrollers and embedded platforms including ESP32, STM32, Raspberry Pi, and ARM boards.
- Integrate digital, analog, and industrial-grade sensors with IoT devices.
- Work with actuators, control systems, and hardware components for IoT automation.
- Implement connectivity solutions using GSM, Wi-Fi, BLE, Zigbee, LoRa, RF, GPS, etc.
- Develop and optimize communication protocols such as I2C, SPI, UART, MQTT, HTTP, TCP/IP, and UDP.
- Work with SQL, NoSQL, and time-series databases for IoT data storage and analysis.
- Ensure secure and reliable device-to-cloud data transmission.
- Perform hardware testing, firmware debugging, troubleshooting, and performance optimization.
- Develop prototypes and convert them into production-ready IoT solutions.
- Prepare technical documentation, system architecture, user manuals, and testing reports.
- Collaborate with software, hardware, and data teams to deliver complete IoT solutions.
- Use AI tools and automation tools to improve coding, debugging, documentation, and testing.
- Apply basic AI/ML, edge inference, and smart automation concepts in IoT workflows when required.
- Stay updated with emerging technologies in IoT, AI, ML, Industrial IoT, and Edge Computing.

REQUIRED SKILLS

- Embedded C, C++, Python
- ESP32, STM32, Raspberry Pi, ARM platforms
- Sensors, Actuators, Hardware Integration
- MQTT, HTTP, TCP/IP, UDP, I2C, SPI, UART
- GSM, GPS, Wi-Fi, BLE, LoRa, RF, Zigbee
- Cloud Dashboards, Real-time Monitoring, Data Visualization
- SQL, NoSQL, Time-series Databases
- PCB Design, Circuit Design, Power Management
- Basic AI/ML, Edge Inference, Smart Automation
- Git, Version Control, Documentation Tools
- Testing, Debugging, Troubleshooting
- Domain knowledge in agriculture, livestock, manufacturing, automation, or environmental monitoring is an advantage.



EDUCATIONAL QUALIFICATION

B.Sc. in EEE, CSE, MTE, ICT, or related discipline. Equivalent practical experience in IoT, embedded systems, or hardware development may also be considered.



PERSONAL ATTRIBUTES

- Practical and hands-on mindset
- Strong interest in R&D and innovation
- Ability to work independently and in a team
- Good communication and technical explanation skills
- Detail-oriented and responsible
- Willingness to learn new tools and technologies
- Problem solver with analytical thinking

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WHY JOIN US?

- Work on real-world IoT projects and innovative solutions
- Collaborate with a talented and passionate team
- Opportunity to learn, grow, and build a strong career
- Competitive environment with continuous learning



APPLY NOW

We accept applications through our Google Form. Fill up the form to apply for the IoT Engineer position.



Application  
Deadline:  
12 May, 2026



<https://www.pranisheba.com.bd/>



Dhaka, Bangladesh



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