

Ahmeed Nasureldeen Babiker Gado

IoT Engineer | Full Stack Developer | AI Automation Engineer

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ABOUT

Final-year IT (IoT) student at UniSIRAJ | Software Developer Intern at Ace Star Tech System Integration | Ex-Full Stack Intern at SaiKet Systems. Experienced in embedded systems (ESP32, Raspberry Pi Pico W), Full Stack Development, IoT, and AI Automation. Passionate about building end-to-end connected systems. Open to opportunities in Full Stack Dev, IoT & System Integration.

EDUCATION

Bachelor of IT in Internet of Things (IoT)

Sep 2022 – Nov 2026 (Expected)

International Islamic University Tuanku Syed Sirajuddin (UniSIRAJ) · Perlis, Malaysia

- ▶ Dean's List Award recipient

WORK EXPERIENCE

IoT Bootcamp Trainee — Embedded Systems & Software Developer

Nov 2025 – Dec 2025

University Malaysia Perlis (UniMAP) · Perlis, Malaysia

- ▶ Built embedded IoT prototypes using microcontrollers and real-world sensors.
- ▶ Integrated sensors, LCD screens (I2C), and actuators into working systems.
- ▶ Improved debugging skills: wiring, sensor reading errors, I2C issues, and connectivity troubleshooting.
- ▶ Practiced prototype testing, documentation, and system integration fundamentals.

Full Stack Development Intern

Feb 2026 – Mar 2026 · 2 mos

SaiKet Systems · Remote

- ▶ Completed a Full Stack Development internship strengthening core development skills.
- ▶ Demonstrated strong attention to detail and consistently approached new challenges with professionalism.
- ▶ Gained hands-on exposure to full stack workflows and effective communication practices in a professional setting.

Software Developer Intern

Mar 2026 – Sep 2026 (Ongoing)

Ace Star Tech System Integration · Johor Bahru, Johor, Malaysia · On-site

- ▶ Actively involved in Full Stack Development, IoT project implementation, and system integration workflows.
- ▶ Gaining hands-on experience bridging hardware and software solutions in a professional engineering environment.
- ▶ Applying and expanding academic knowledge in Internet of Things from UniSIRAJ into real-world industry applications.

PROJECTS

Personal Developer Portfolio

2026

Built and deployed a personal developer portfolio showcasing real-world projects in AI, IoT, full-stack development, and automation systems, highlighting end-to-end engineering skills and practical problem-solving.

Live: <https://ahmed-gado-protfilo.web.app/>

Smart Parking System — Final Year Project

- ▶ Designed a smart parking prototype with automated gate control using servo motors.
- ▶ Implemented real-time parking slot detection with Firebase database synchronization.
- ▶ Developed a web dashboard for live monitoring and system status updates.

GitHub: <https://github.com/Ahmeed-Gado/UniSiraj-IOT-Prking-System>

Feb 2026

BaldGuard AI — Full-Stack AI Hair Loss Detection App

- ▶ Built a full-stack AI web app to detect early hair thinning using computer vision.
- ▶ Developed a modern UI using Next.js (App Router) and Tailwind CSS.
- ▶ Implemented a Python & FastAPI backend for image analysis requests.
- ▶ Integrated OpenAI Vision models for scalp image analysis.
- ▶ Ensured privacy-first real-time analysis with zero image storage.
- ▶ Deployed using Firebase Hosting.

GitHub: <https://github.com/Ahmeed-Gado/-BaldAi>

Feb 2026

Smart Email Assistant Automation

- ▶ Built an automation system to classify emails (important, personal, social).
- ▶ Generated LLM-based summaries for priority emails.
- ▶ Logged key data into Google Sheets and sent Telegram alerts for urgent messages.

Soil Moisture & Environmental Monitoring System

- ▶ Developed IoT monitoring prototype for soil moisture and environment sensor data collection.
- ▶ Prepared data for real-time tracking and monitoring use cases.

IoT Car Speed Detector

- ▶ Designed a sensor-based system to detect and calculate car speed in real time.
- ▶ Implemented embedded logic for measurement accuracy and display output.

SKILLS

Embedded & IoT	ESP32, Arduino, Raspberry Pi Pico W, Sensors, Servo Motors, I2C LCD, WiFi Modules
Programming	C/C++ (Arduino), JavaScript, TypeScript, Python
Full Stack	Next.js, React, FastAPI, Tailwind CSS, REST APIs
Cloud & DB	Firebase Realtime Database, Firebase Hosting, API Integration
AI & Automation	n8n, LLM-based Summarization, Workflow Automation, Telegram Bot Alerts, OpenAI Vision
Tools	Arduino IDE, VS Code, GitHub, Google Sheets Integration
Soft Skills	Problem Analysis, Hardware Troubleshooting, Team Collaboration, Fast Learner, Attention to Detail

CERTIFICATIONS

Introduction to the Internet of Things and Embedded Systems

University of California, Irvine (Coursera)

Issued May 2026

Build Intelligent Agents Using DeepSeek & N8N

Board Infinity

Issued May 2026

Introduction to Internet of Things

Cisco Networking Academy

Issued Jul 2026

Introduction and Programming with IoT Boards

POSTECH via Coursera

Issued Oct 2025

LANGUAGE SKILLS

Arabic	Native / Mother tongue
English	B2 — Independent User
Malay	A2 — Basic User

VOLUNTEERING

- ▶ Organizer Team Member — Charity Marathon Run for Palestine · Kuala Perlis
- ▶ Volunteer — Perlis International Sunnah Convention
- ▶ Community Volunteer — Street Da'wah Activities