DAR AQMA BIN ROSLI

Electronics • IoT • Automation • Agentic AI • Technical Support

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PROFESSIONAL PROFILE

Diploma in Electronics graduate with hands-on experience in electronics troubleshooting, device repair, IoT development, web applications, automation, and AI systems. Experienced in building practical IoT projects with ESP32/Arduino, developing web-based dashboards, integrating APIs, and setting up agentic AI workflows for business and technical use cases. Comfortable working across hardware, software, automation, and AI, with a strong focus on practical problem-solving and self-hosted/open-source technologies.

EDUCATION

Kolej Vokasional Klang | 2024 – 2026

Diploma Vokasional Malaysia (DVM) – Electronics

Kolej Vokasional Klang | 2022 – 2024

Sijil Vokasional Malaysia (SVM) – Electronics | Sijil Kemahiran Malaysia (SKM) Tahap 3 – Electronics Industri

TECHNICAL EXPERIENCE

Freelance Mobile & Laptop Technician | Klang / Kapar / Rantau Panjang / Shah Alam | Jan 2023 – Present

- Repaired and serviced 50+ smartphones actively from 2023 to present across Android and iPhone devices.
- Performed screen, battery, motherboard, flex cable, and charging-port replacement.
- Handled software troubleshooting including flashing, firmware repair, FRP, and password reset.
- Serviced laptops through Windows installation, RAM/SSD upgrades, optimization, and malware removal.
- Performed basic wiring, electronic repair, technical consultation, and after-sales support.

Technician Intern | Dasher Services Sdn Bhd | Mar 2026 – Aug 2026

- Diagnosed and repaired smart home appliances, IoT devices, and consumer electronics under warranty.
- Performed component-level replacement, board testing, soldering, and post-repair quality checks.
- Logged repair tickets, documented failure causes, and tracked warranty service status.
- Handled device inspection, testing procedures, and spare-part organization.

Part-Time Crew | AI World, i-City Shah Alam | Nov 2025 – Jan 2026

- Provided customer service and assisted visitors at interactive exhibits and gaming areas.
- Introduced and demonstrated robotics and interactive games to visitors and students.
- Handled station operations, queue management, and basic equipment checking.

Part-Time Waiter | DoubleTree by Hilton, Shah Alam | Nov 2024 – Apr 2025

- Supported dining setup, event operations, teamwork during peak periods, and customer service.

AI, IOT & AUTOMATION

- Agentic AI: designing AI-agent workflows, multi-agent concepts, tool/API integration, and AI-assisted automation.
- Business AI setup: configuring AI tools and automation workflows to support company operations and customer-service use cases.
- IoT systems: ESP32/Arduino development, sensor integration, device-to-dashboard workflows, and practical monitoring systems.
- Automation: n8n workflow design, API-based integrations, scheduled reporting, and self-hosted automation concepts.
- AI infrastructure: Docker-based services, self-hosted applications, Cloudflare-based access, and open-source AI tooling.
- Web applications: building dashboards and web systems for IoT and business workflows.

TECHNICAL SKILLS

Electronics & IoT

ESP32 • Arduino • Arduino IDE • Sensors • Microcontroller Integration • Soldering • Multimeter • Circuit Testing • Wiring • Electronics Troubleshooting

AI, Automation & Infrastructure

Agentic AI • AI API Integration • AI Agents • n8n • Docker • Self-Hosted Services • MCP Concepts • Automation Workflows • Git/GitHub

Software & Web Development

Laravel • React • Next.js • Firebase • HTML • CSS • JavaScript • REST/API Integration • IoT Dashboards

Hardware Repair

Smartphone Repair • Laptop Servicing • RAM/SSD Upgrades • Windows Installation • Android Firmware/Flashing

SELECTED PROJECT AREAS

- IoT student monitoring systems using ESP32, sensors, web dashboards, and data workflows.
- AI assistant / agent infrastructure using self-hosted tools, APIs, automation, and messaging workflows.
- Business automation concepts for customer service, reporting, lead handling, and operational workflows.
- Web-based portfolio and management systems integrating modern frontend technologies and APIs.

CORE STRENGTHS

Problem-solving • Fast learning • Practical prototyping • Cross-domain hardware/software work • Teamwork • Communication • Self-directed technical research

LANGUAGES

Bahasa Melayu – Fluent | English – Intermediate

CAREER TARGET

Seeking opportunities in IoT, electronics, automation, AI systems, agentic AI, technical support, AI implementation, or software/technology roles where hardware, software, and AI can be combined to solve practical problems.