



Ahmad Dahalan Bin Yaakob

- Military Communications
- Systems Integration
- R&D Strategic Leader
- Product Design
- AI Technology
- Platform Integration

+60 102369037

adyaakob@gmail.com

linkedin.com/in/ahmaddahalan

github.com/adyaakob

adyaakob.github.io/portfolio

PROFESSIONAL SUMMARY

An experienced defense technology leader with 20+ years of expertise in military communications and systems integration. Proven track record in driving complete product lifecycles from concept to deployment, specializing in tactical radio systems and military-grade communications infrastructure. Demonstrates mastery in Integration, Verification, Validation & Qualification (IVVQ) processes, while leading strategic R&D initiatives. Currently expanding capabilities in software development and artificial intelligence applications.

CAREER TIMELINE



EXPERIENCE

Technical Project Manager

R&D and Business Development

- Spearheaded R&D initiatives as R&D Manager, driving technological innovation and product development
- Led integration of military communication systems
- Managed complex technical projects and IVVQ processes
- Developed strategic business solutions
- Supervised cross-functional engineering teams
- Successfully managed multiple concurrent projects with budgets exceeding \$5M

Systems Engineering Lead

Defense Systems Integration

- Directed R&D initiatives and coordinated cross-functional teams
- Managed tender submissions and led proposal development
- Developed technical solutions for defense projects
- Led system integration and validation processes

KEY PROJECTS



TRC5200 Development

First locally engineered tactical radio, reducing dependency on foreign technology by 60%



Future Soldier System

Led development of FSS for Malaysian Army's Network Centric Operations, enhancing battlefield coordination through soldier-as-sensor capability

PROFESSIONAL DEVELOPMENT

- Currently expanding expertise in AI and software development
- Actively developing web development skills
- Pursuing creative design capabilities

Visit my portfolio page for more details.

EDUCATION



Bachelor of Engineering (Electronics)

University of Plymouth
1995 - 1997



Diploma in Electrical Engineering (Communications)

Universiti Teknologi Malaysia
1991 - 1994

PROFESSIONAL SKILLS



CORE COMPETENCIES

Management & Leadership

- Project Management
- Strategic Planning
- Business Development
- Tender Management
- Proposal Writing

Defense & Military Technology

- Military Communications Systems
- Radio Systems Development
- Tactical Systems Implementation
- Integration, Verification, Validation & Qualification (IVVQ)

Technical Expertise

- Systems Integration
- Electronics Engineering
- Systems Engineering
- Research & Development
- Software Development
- Web Development

