Andrew John Holland

Airline Operations & Project Management
Transitioning from Airline Operations Leadership to Project Management

About Me

Andrew John Holland is a seasoned professional transitioning from senior airline operations management to project management in complex software deployment. With extensive experience at Etihad Airways, I leveraged technologies like the Kronos AD OPT Altitude suite and Airline Information Management System (AIMS) to deliver solutions for crew scheduling, training, and operational efficiency, managing projects such as the $5M Kronos implementation, $865K AIMS Training Module, and $200K AIMS Leave Module. My skills in stakeholder coordination, regulatory compliance, and process optimization drive my professional work.

I am pursuing Google Project Management Certificate and preparing for the CAPM certification to enhance my expertise. In my personal time, I explore technology through Linux Homelab projects, showcased on my GitHub (silicastormsiam), focusing on home automation, cybersecurity, and learning Python code using Proxmox, complemented by tutorials on my YouTube channel.

Professional Experience

Founder & Project Manager
Non-Profit Agricultural Cooperative, Northeastern Thailand (2020 – Present)

- Pioneered a cooperative to empower local farmers, integrating organic farming practices and plant-covered water storage structures as project frameworks.
- Developed policies for crop rotation, chemical-free cultivation, and greenhouse operations, ensuring compliance with environmental standards.
- Engineered a scalable fee structure for greenhouse usage, enhancing financial sustainability.
- Designed off-grid water systems with solar-powered DC pumps, improving resource efficiency by 30%.
- Managed water reservoir and tilapia fish farming projects, delivered under budget, creating a net revenue stream from seasonal fish farming for local market vendors.
- Facilitated training on soil restoration using local materials like coconut husk, dehydrated water buffalo manure, and biochar, boosting community adoption by 40% and yield by over 80%.

Senior Manager - Flight Operations Training Planning
Etihad Airways, Abu Dhabi, UAE (2015 2020)

- Directed resource scheduling for 11 flight crew simulators, 17 cabin crew training devices, and 200 instructors, optimizing software-driven workflows.
- Increased resource utilization by 25% through data-driven allocation strategies.
- Streamlined instructor qualification processes, ensuring 100% regulatory compliance.
- Spearheaded $865K AIMS Training Module project using Waterfall methodology, completing ahead of schedule and enhancing training efficiency.
- Authored procedure manuals and bulletins, improving operational clarity for software-based systems.

Senior Manager – Crew Planning
Etihad Airways, Abu Dhabi, UAE (2008 – 2015)

- In 2009, as a stakeholder and Subject Matter Expert, oversaw $5M Kronos AD OPT Altitude suite implementation, with $2M in customization and a five-year service plan, enhancing crew scheduling optimization and increasing crew satisfaction.
- Orchestrated training, leave, and roster scheduling for over 10,000 flight and cabin crew using AIMS, aligning with GCAA, IOSA, EASA, and Fatigue Risk Management Systems (FRMS) regulations.
- Led a team of 17, achieving 96% compliance with corporate governance in multiple internal cross-audits.
- Implemented workforce planning for Multi-Crew Pilot Licence (MPL) and Cadet programs, optimizing talent pipelines with software tools.

Manager – Flight Crew Planning
Etihad Airways, Abu Dhabi, UAE (2008)

- Managed Airbus and Boeing crew scheduling using AIMS, ensuring regulatory compliance.
- Developed Crew Planning and Control Manuals, streamlining software-based processes.
- Delivered $200K AIMS Leave Module project, enhancing leave management efficiency.

Manager – Crew Control
Etihad Airways, Abu Dhabi, UAE (2007)

- Oversaw real-time crew scheduling with AIMS, maintaining UAE-GCAA compliance.
- Implemented risk mitigation strategies, reducing disruptions by 15% utilizing a Crew Standby profile adjusted daily.

Certifications

- Currently pursuing Google Project Management Professional Certificate (Coursera).
- Preparing for the Certified Associate in Project Management (CAPM) certification.
- Currently pursuing Google Data Analytics Professional Certificate (Coursera).
- Microsoft Certified Professional – Windows 2000 Server.

YouTube Tutorials

In my personal time, I create YouTube tutorials under the handle @SilicaStormSiam focusing on home automation, cybersecurity, and Python coding. These videos provide practical insights for technology enthusiasts and complement my professional focus on project management.

Linux Homelab & GitHub Projects

Explore my personal Linux Homelab projects, including virtual environments on Proxmox for home automation (lighting, climate control), cybersecurity (Network-Level DNS-Based Threat Protection), and learning Python code, on my GitHub profile: @silicastormsiam. These projects reflect my passion for technology and support my professional growth in software deployment.

Contact Information

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References

References available upon request.