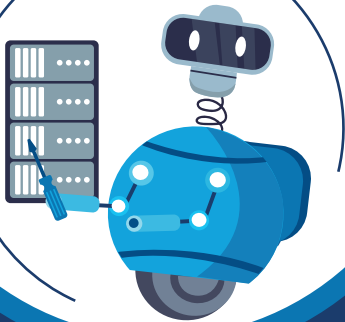


IT ENGINEER



JOB DESCRIPTION

IT Engineers in aviation are responsible for the development and maintenance of IT systems that support flight operations, air traffic control, and other aviation services. They ensure that networks are secure, reliable, and efficient, and they develop software solutions tailored to the needs of the aviation industry.

SALARY

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DAILY ROUTINE

Monitoring and maintaining network systems, implementing cybersecurity measures, developing and testing software applications, troubleshooting technical issues, and collaborating with other departments to support IT needs.

IMPACT ON PRIVATE LIFE

The role typically follows standard office hours, but project deadlines or system emergencies may require additional hours. It may involve occasional travel for system implementations or training.

SKILLS AND COMPETENCIES

Proficiency in network administration, cybersecurity protocols, software development, problem-solving abilities, and excellent communication skills.

SELECTION CRITERIA

Candidates must hold a degree with specialized training in network infrastructure, cybersecurity, and software development. They must have experience maintaining and optimizing aviation IT systems, including cloud computing, database management, and real-time operational software. Knowledge of aviation IT standards, cybersecurity regulations (e.g., ISO 27001, EASA directives), and IT service frameworks (e.g., ITIL) is essential. Candidates should be skilled in system integration, troubleshooting mission-critical applications, and securing data in air traffic and airline operations. Some roles may require certifications such as Cisco (CCNA/CCNP), Microsoft (Azure, AWS), or recognized cybersecurity credentials.

Engage 2

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EDUCATION

A bachelor's degree in Information Technology, Computer Science, or a related field.

YEARS OF TRAINING REQUIRED

Around 4–6 years to become fully qualified. The process starts with a bachelor's degree which takes 3–4 years, followed by 1–2 years of hands-on experience in IT infrastructure, cybersecurity, or aviation software development.