IT/Cybersecurity Manager

ELECTRONIC SECURITY

Career level

Entry Level   Early Career   Mid Career   **Later Career**

Job Description

As an IT/Cybersecurity Manager, you will deploy and maintain security infrastructure. Implementing security systems, such as firewalls, data protection controls and encryption. Conducting vulnerability tests and identifying and addressing any weaknesses. Monitoring information systems and responding to any cyber-security incidents.

On the Job

As an IT/Cybersecurity Manager, the day-to-day job responsibilities include:

- Managing and organising data within an organisation to ensure its accuracy, accessibility, and security.
- Develop and enforce data governance policies and procedures to maintain data integrity and compliance with regulations.
- Oversee the design, implementation, and maintenance of databases, ensuring data is structured efficiently and appropriately indexed for optimal performance.
- Develop and implement data quality standards and processes to identify and resolve data inconsistencies or errors.
- Implement and maintain data security measures, including user access controls, encryption, and backup and recovery strategies.
- Collaborate with stakeholders to understand data requirements and provide insights and reports to support decision-making processes.
- Coordinate data integration from various sources and ensure compatibility and seamless data flow between systems.
- Contribute to the development of data strategies, identifying opportunities for data-driven initiatives and leveraging data for business growth and optimisation.
- Stay updated with industry trends, emerging technologies, and best practices in data management to drive continuous improvement.

Salary & Benefits

Your starting salary can vary because of factors like level of experience, training, or location. Your salary as an IT/Cybersecurity Manager may increase over time as you build skills, knowledge and experience.

Weekly Pay: $2,000 – $2,300

Annual Pay: $100,000 – $120,000

Hours per week: 38

Hourly Pay: $50.00 – $60.00

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Entry Qualifications & Training

Being part of the security industry requires an individual to undertake his/her responsibility with a high degree of professionalism.

The requirements to become an IT/Cybersecurity Manager include:

- Bachelor of Information Technology
- Prior experience working in an It/Data networking role

Career Progression

With time and experience as an IT/Cybersecurity Manager you can progress to an IT Manager, Business Intelligence Manager, Data Privacy Specialist, It Consultant or a Project Manager.

Experience & Skills Required

Among the useful skills to highlight to your employer when applying for an IT/Cybersecurity Manager role include:

- Strong knowledge of data management principles and practices.
- Proficiency in programming languages such as Python, Java, or R, as well as SQL for database querying and manipulation.
- Familiarity with cloud computing platforms such as Amazon Web Services (AWS), Microsoft Azure, or Google Cloud Platform (GCP).
- Experience in data governance, including data quality assurance, data security, and compliance with privacy regulations.
- Strong analytical and problem-solving skills to identify patterns, trends, and insights from complex datasets.
- Excellent communication and collaboration skills to work effectively with cross-functional teams and stakeholders.
- Up to date with emerging trends and technologies in data management, including machine learning, artificial intelligence, and blockchain.
- Project management experience to lead and coordinate data-related initiatives and ensure timely delivery.
- Familiarity with agile methodologies for software development and project management.

Getting Started

IT/Cybersecurity Manager jobs are advertised under different job titles and can be found on online jobs or directly by employers. When looking on job boards, look for the following types of job:

IT/Cybersecurity Manager

Useful Organisations and Links

- **ASIAL**
  asial.com.au
- **Security Licensing Information**
  asial.com.au/security_licensing_information
- **Security Training Requirements**
  training.gov.au/Training/Details/CPP
- **ASIAL Contact Information**
  1300 127 425
  contactus@asial.com.au

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Supporting members, promoting standards and safeguarding public interests.